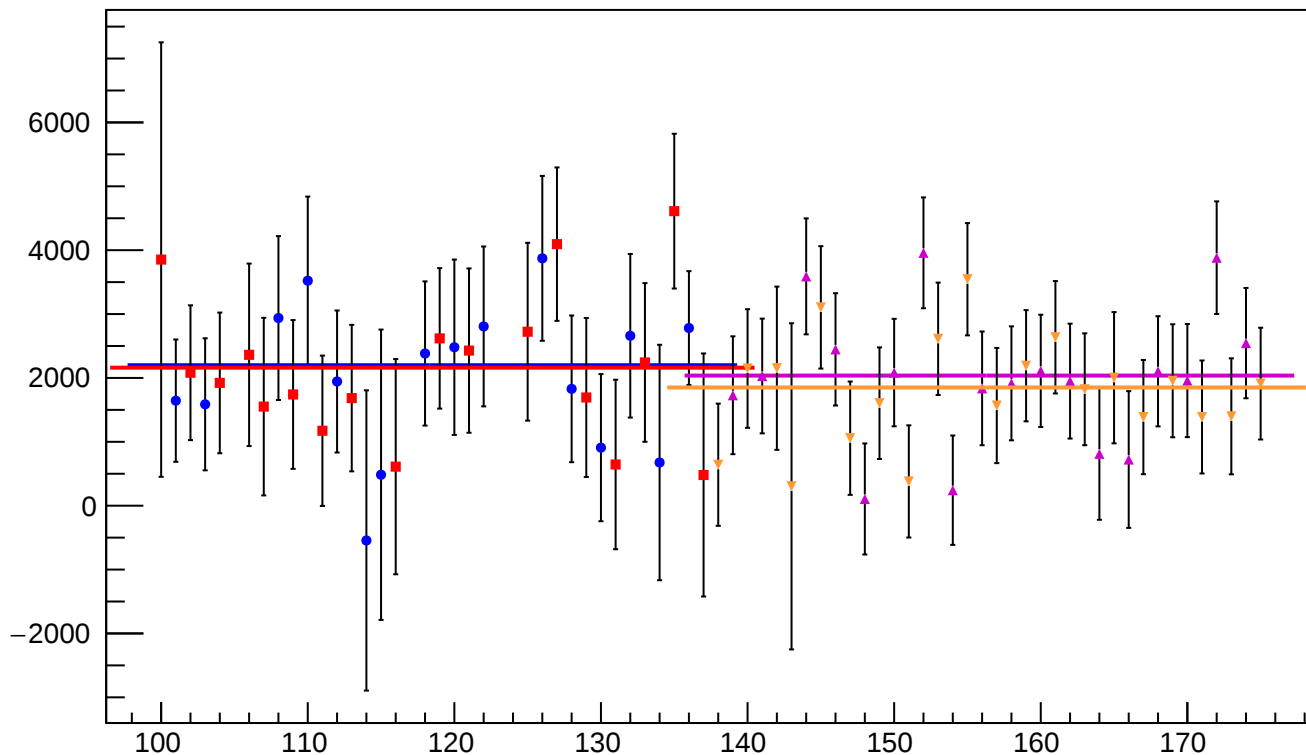


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

χ^2/NDF : 8.6/15

Left Out: 1850.498+/-208.542

χ^2/NDF :13.9/19

Right Out: 2160.742+/-303.587

χ^2/NDF : 11.7/17

Left In: 2036.801+/-210.996

χ^2/NDF :25.2/17

Left: 1942.560+/-148.321

χ^2/NDF : 39.5/37

Right: 2179.612+/-215.784

χ^2/NDF : 20.3/33

In: 2088.853+/-173.845

χ^2/NDF :34.0/33

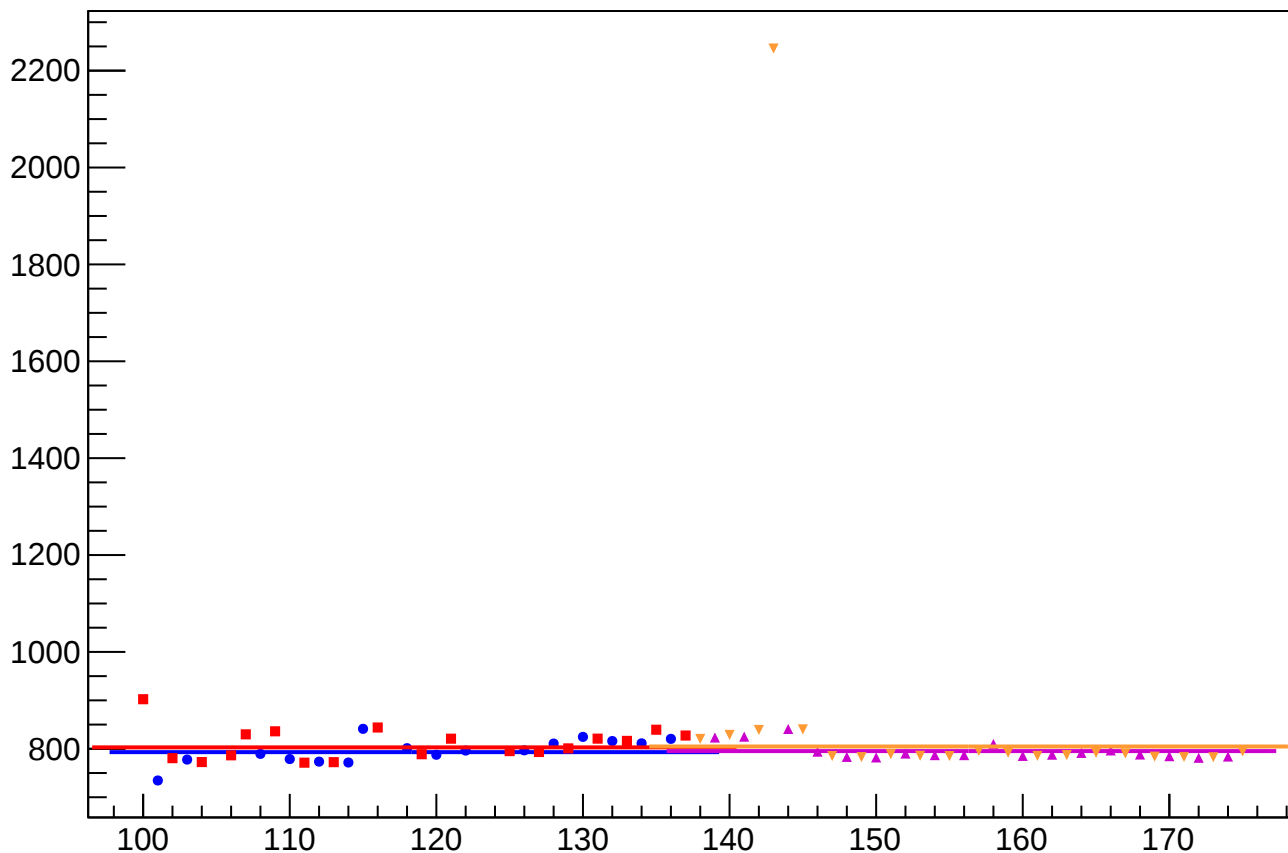
Out: 1949.960+/-171.893

χ^2/NDF :26.2/37

All: 2018.622+/-122.231

χ^2/NDF : 60.6/71

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091+/-0.217 χ^2/NDF : 14703.0/15

Left Out: 804.731+/-0.147 χ^2/NDF : 654917.9/19

Right Out: 802.946+/-0.215 χ^2/NDF : 14445.6/17

Left In: 795.263+/-0.149 χ^2/NDF : 12622.3/17

Left: 800.053+/-0.105 χ^2/NDF : 669577.1/37

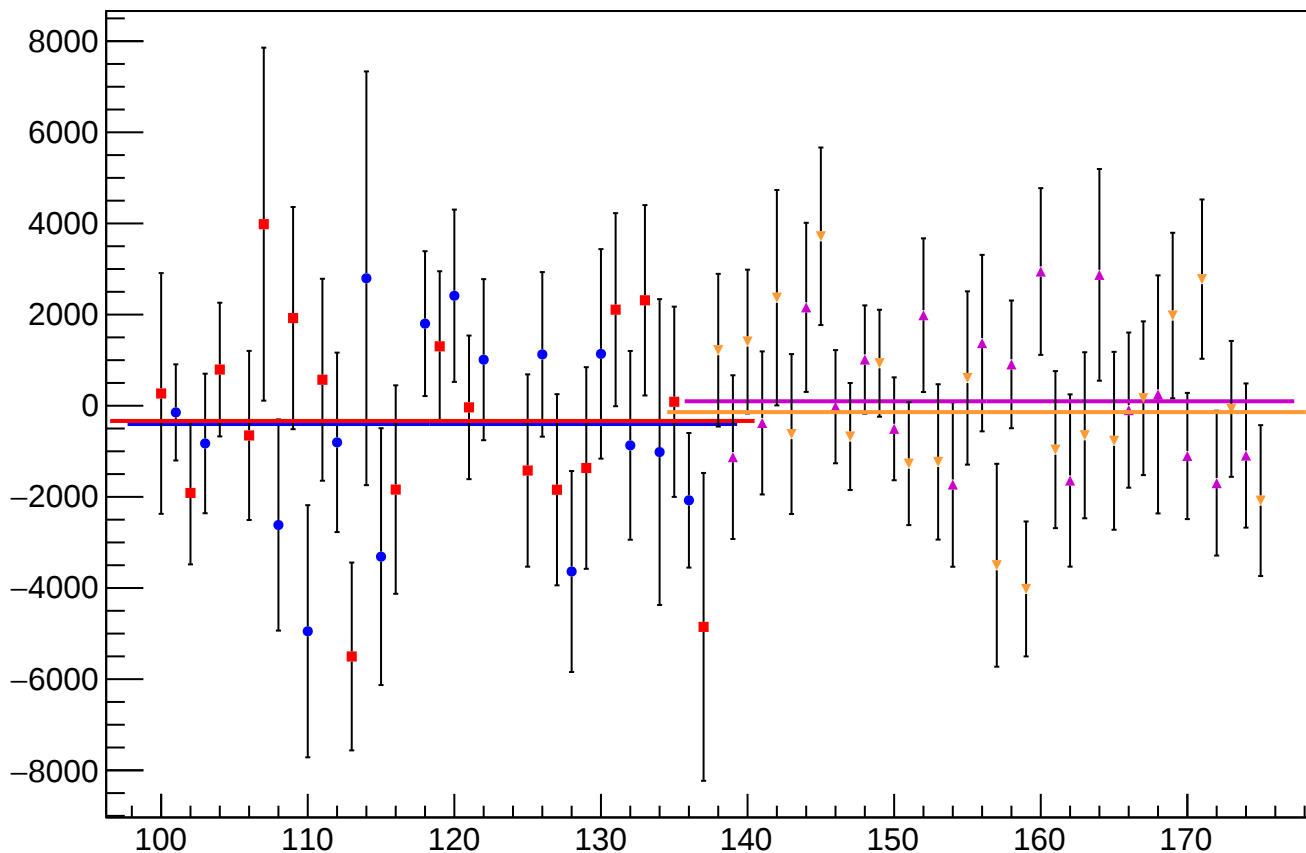
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 794.566+/-0.123 χ^2/NDF : 27393.4/33

Out: 804.159+/-0.122 χ^2/NDF : 669410.4/37

All: 799.416+/-0.086 χ^2/NDF : 699883.2/71

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464+/-468.669 χ^2/NDF : 14.8/15

Left Out: -139.691+/-365.073 χ^2/NDF : 24.2/19

Right Out: -333.998+/-478.476 χ^2/NDF : 17.5/17

Left In: 97.945+/-373.845 χ^2/NDF : 13.0/17

Left: -23.694+/-261.192 χ^2/NDF : 37.4/37

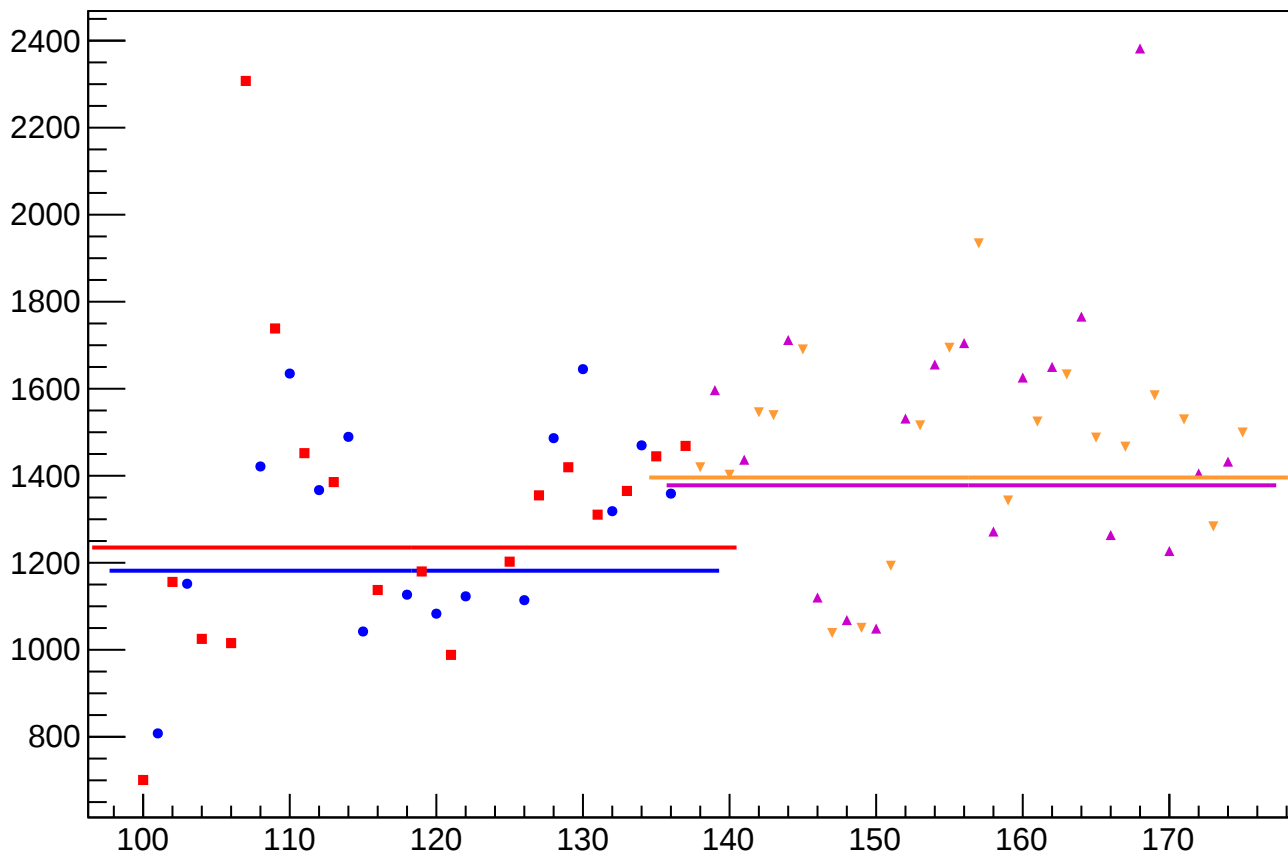
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -96.255+/-292.255 χ^2/NDF : 28.6/33

Out: -211.186+/-290.238 χ^2/NDF : 41.8/37

All: -154.119+/-205.939 χ^2/NDF : 70.4/71

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767 $\pm$ 0.331 χ^2 /NDF: 543493.3/15

Left Out: 1395.976 $\pm$ 0.258 χ^2 /NDF: 755250.5/19

Right Out: 1235.094 $\pm$ 0.338 χ^2 /NDF: 540252.3/17

Left In: 1378.016 $\pm$ 0.264 χ^2 /NDF: 1086954.0/17

Left: 1387.209 $\pm$ 0.185 χ^2 /NDF: 1844567.2/37

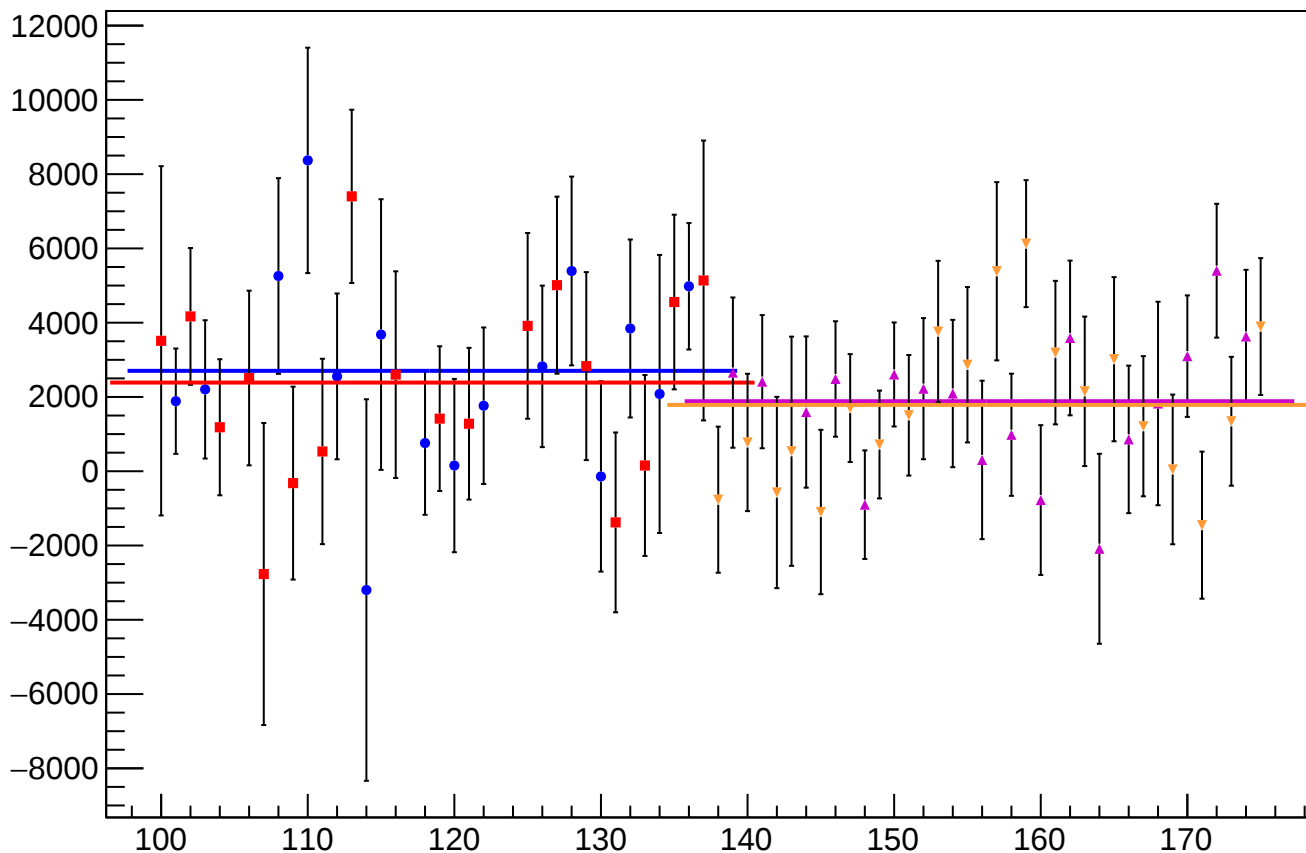
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1301.703 $\pm$ 0.207 χ^2 /NDF: 1844763.6/33

Out: 1336.779 $\pm$ 0.205 χ^2 /NDF: 1438418.2/37

All: 1319.362 $\pm$ 0.146 χ^2 /NDF: 3297686.5/71

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689 $\pm$ 564.506 χ^2 /NDF: 13.0/15

Left Out: 1785.665 $\pm$ 426.942 χ^2 /NDF:21.1/19

Right Out: 2387.341 $\pm$ 569.264 χ^2 /NDF: 16.1/17

Left In: 1884.951 $\pm$ 433.681 χ^2 /NDF:15.6/17

Left: 1834.531 $\pm$ 304.248 χ^2 /NDF: 36.7/37

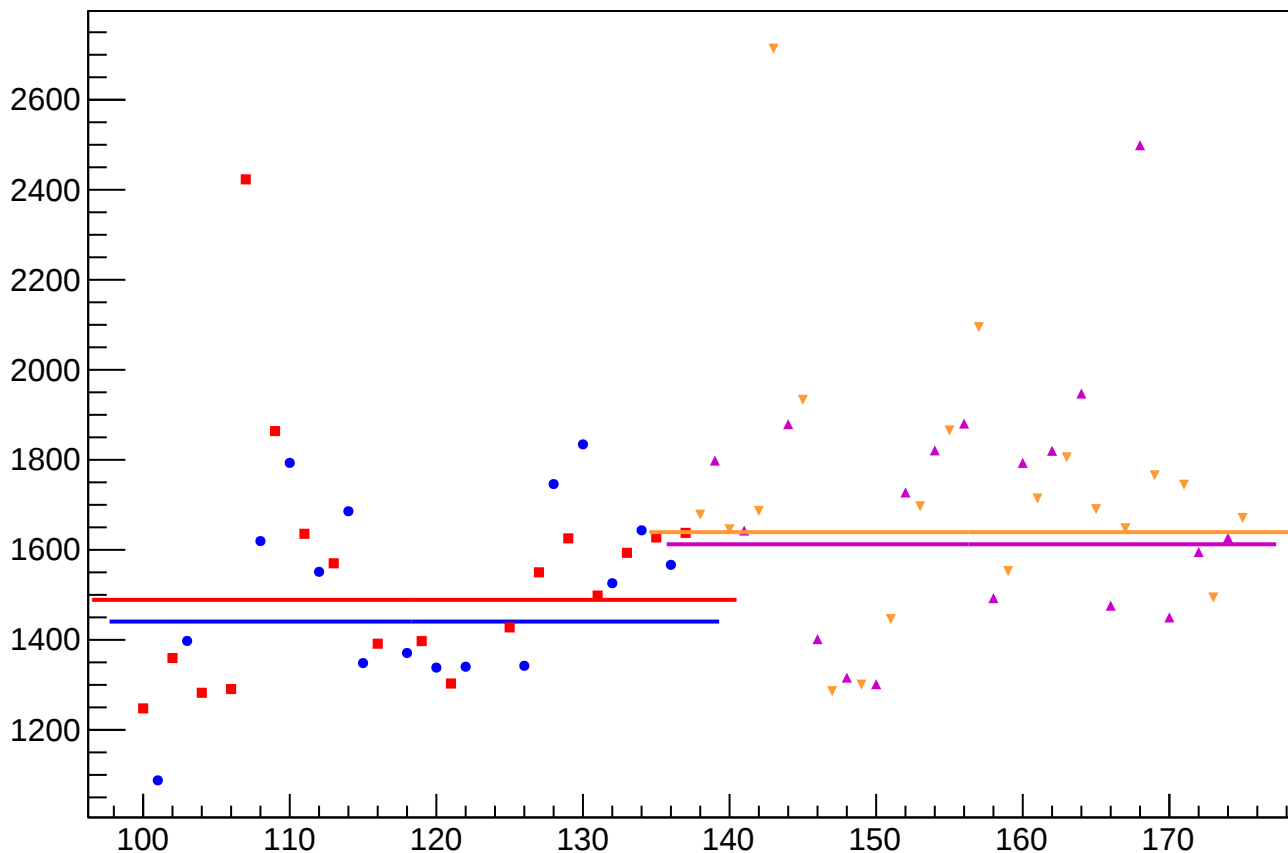
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2188.826 $\pm$ 343.909 χ^2 /NDF:29.9/33

Out: 2002.264 $\pm$ 341.555 χ^2 /NDF:37.9/37

All: 2094.905 $\pm$ 242.344 χ^2 /NDF: 67.9/71

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653 $\pm$ 0.399 χ^2 /NDF: 282262.6/15

Left Out: 1639.352 $\pm$ 0.302 χ^2 /NDF: 682755.1/19

Right Out: 1488.944 $\pm$ 0.403 χ^2 /NDF: 256842.6/17

Left In: 1612.397 $\pm$ 0.307 χ^2 /NDF: 650063.6/17

Left: 1626.085 $\pm$ 0.215 χ^2 /NDF: 1336742.4/37

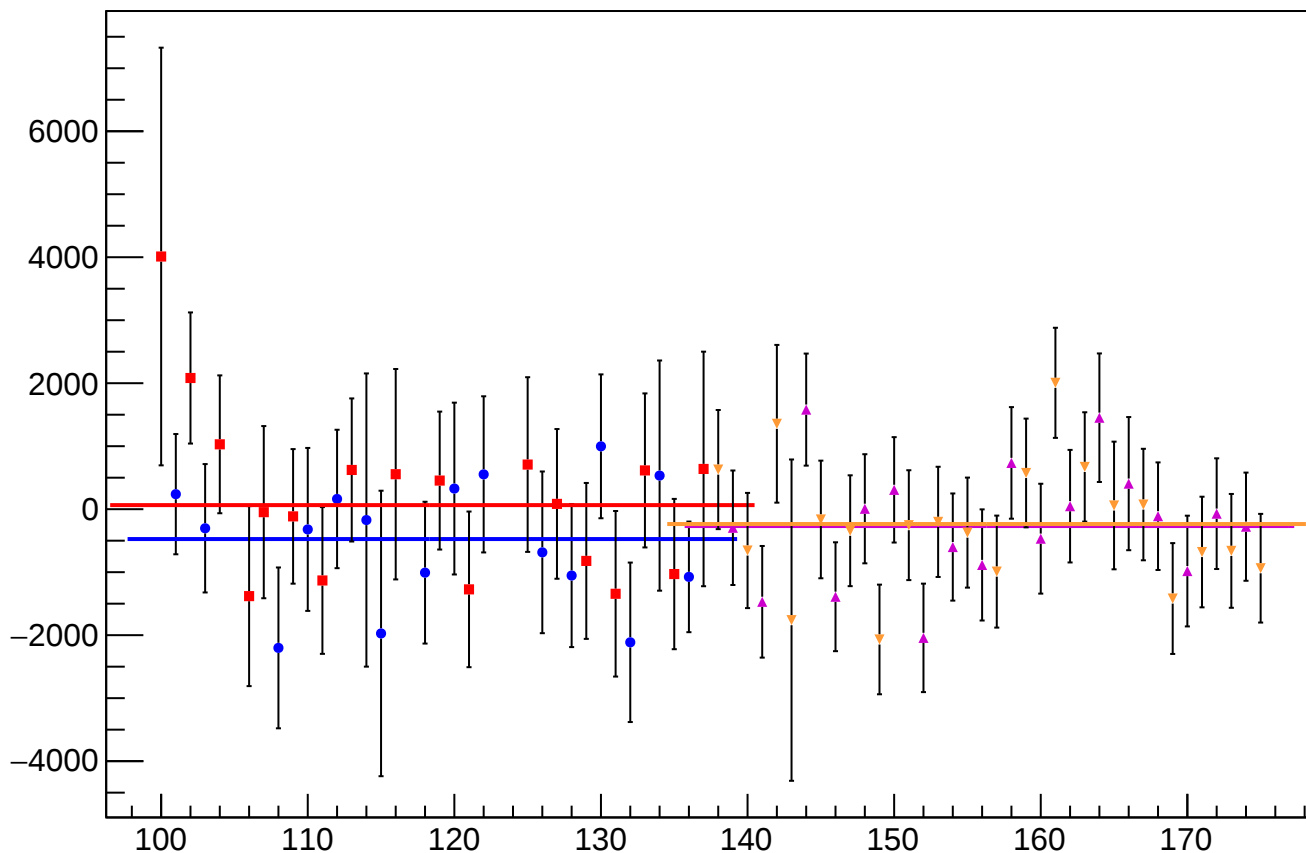
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

In: 1548.654 $\pm$ 0.243 χ^2 /NDF: 1048740.1/33

Out: 1585.206 $\pm$ 0.242 χ^2 /NDF: 1028954.8/37

All: 1567.055 $\pm$ 0.171 χ^2 /NDF: 2089068.9/71

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136+/-303.914 χ^2/NDF : 8.9/15

Left Out: -235.719+/-206.504 χ^2/NDF :19.9/19

Right Out: 64.684+/-298.395 χ^2/NDF : 12.7/17

Left In: -267.511+/-209.059 χ^2/NDF :18.8/17

Left: -251.420+/-146.916 χ^2/NDF : 38.7/37

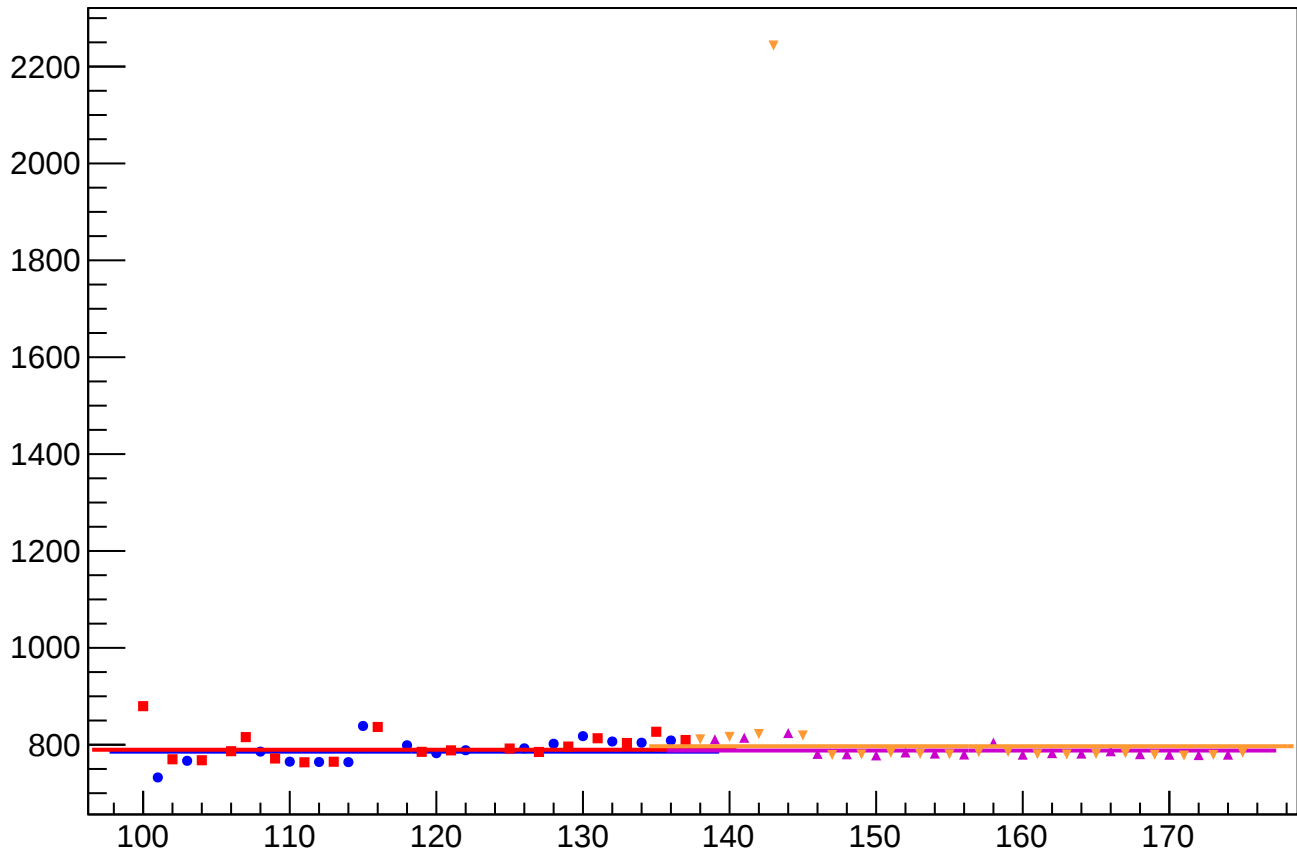
Right: -199.789+/-212.921 χ^2/NDF : 23.2/33

In: -333.880+/-172.242 χ^2/NDF :28.0/33

Out: -138.437+/-169.807 χ^2/NDF :33.3/37

All: -234.767+/-120.923 χ^2/NDF : 61.9/71

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 $\pm$ 0.215 χ^2 /NDF: 13921.5/15

Left Out: 796.937 $\pm$ 0.146 χ^2 /NDF: 656269.4/19

Right Out: 789.675 $\pm$ 0.211 χ^2 /NDF: 11010.0/17

Left In: 788.056 $\pm$ 0.148 χ^2 /NDF: 9056.6/17

Left: 792.551 $\pm$ 0.104 χ^2 /NDF: 667152.9/37

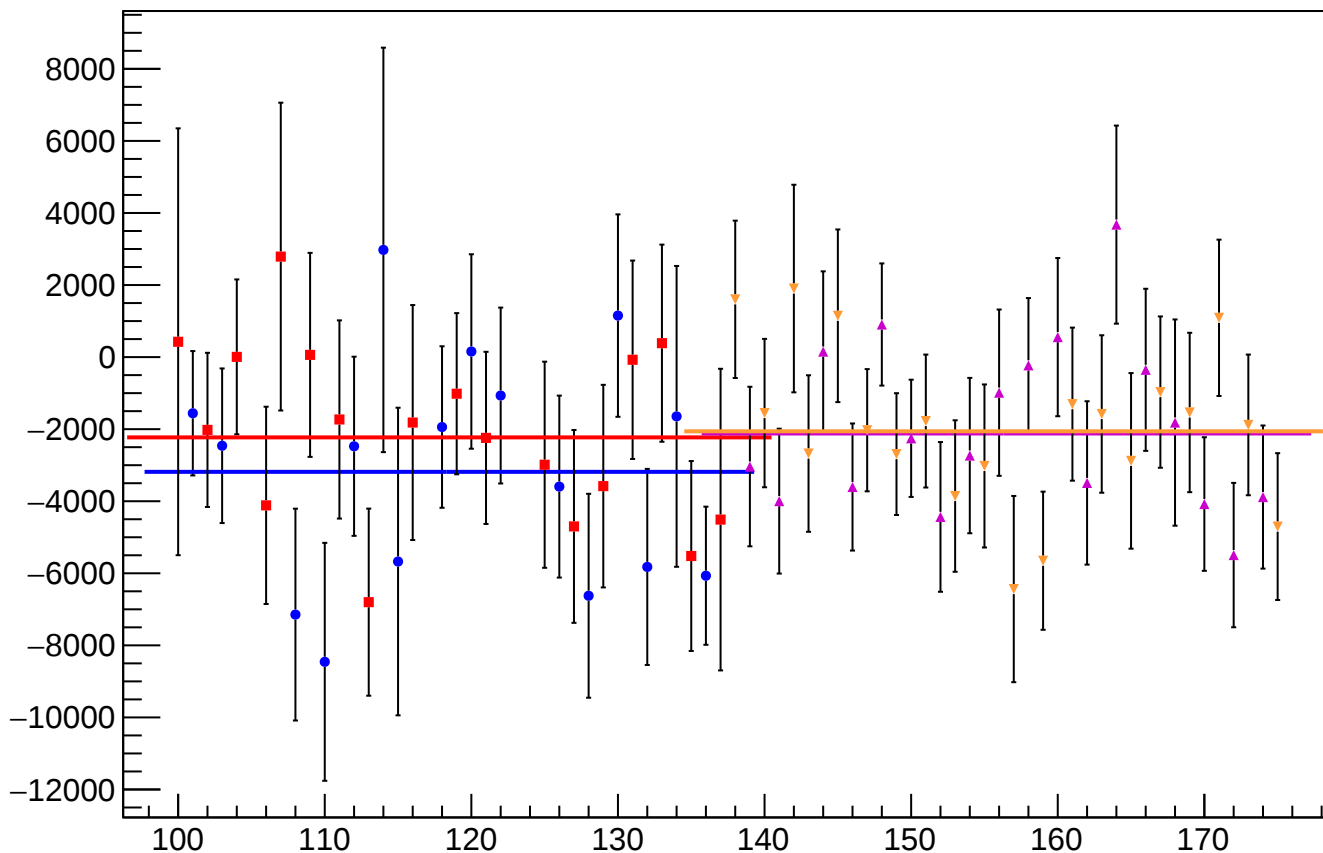
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 787.314 $\pm$ 0.122 χ^2 /NDF: 23056.5/33

Out: 794.585 $\pm$ 0.120 χ^2 /NDF: 668080.3/37

All: 791.001 $\pm$ 0.086 χ^2 /NDF: 692944.5/71

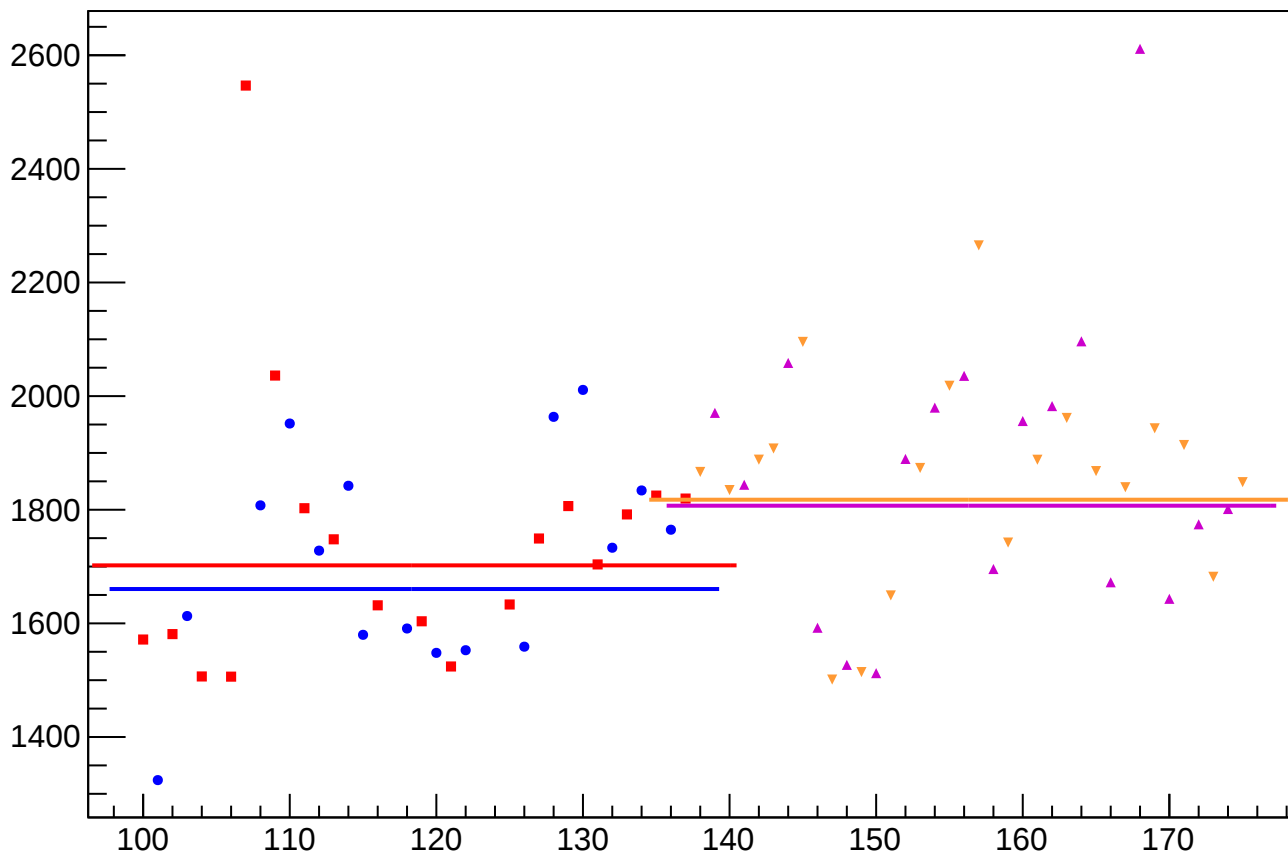
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2059.345 ± 469.649 $\chi^2/\text{NDF}: 18.5/19$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -2119.793 ± 483.954 $\chi^2/\text{NDF}: 20.2/17$

Left: -2088.663 ± 337.036 $\chi^2/\text{NDF}: 38.8/37$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2501.511 ± 387.613 $\chi^2/\text{NDF}: 38.8/33$
 Out: -2117.454 ± 380.284 $\chi^2/\text{NDF}: 30.3/37$
 All: -2305.817 ± 271.456 $\chi^2/\text{NDF}: 69.6/71$

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462 $\pm$ 0.458 χ^2 /NDF: 179206.0/15

Left Out: 1817.667 $\pm$ 0.332 χ^2 /NDF: 296165.0/19

Right Out: 1702.098 $\pm$ 0.458 χ^2 /NDF: 172008.4/17

Left In: 1807.120 $\pm$ 0.342 χ^2 /NDF: 454260.4/17

Left: 1812.552 $\pm$ 0.238 χ^2 /NDF: 750914.5/37

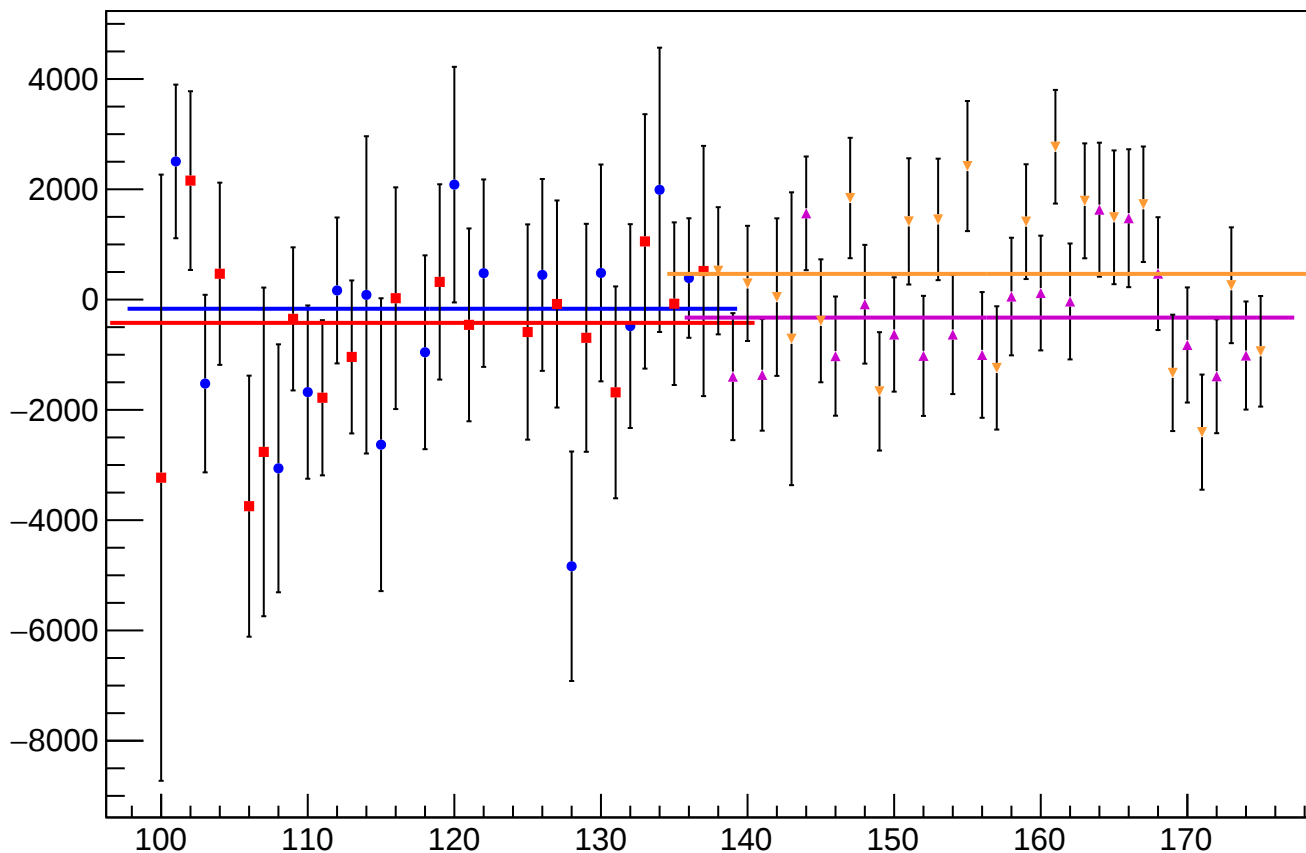
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1754.541 $\pm$ 0.274 χ^2 /NDF: 699314.2/33

Out: 1777.870 $\pm$ 0.269 χ^2 /NDF: 509876.4/37

All: 1766.428 $\pm$ 0.192 χ^2 /NDF: 1212882.0/71

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 $\chi^2/\text{NDF}: 15.6/15$

Left Out: 465.954 ± 249.908 $\chi^2/\text{NDF}: 35.1/19$

Right Out: -422.359 ± 427.321 $\chi^2/\text{NDF}: 8.2/17$

Left In: -326.791 ± 252.650 $\chi^2/\text{NDF}: 14.1/17$

Left: 73.906 ± 177.673 $\chi^2/\text{NDF}: 54.2/37$

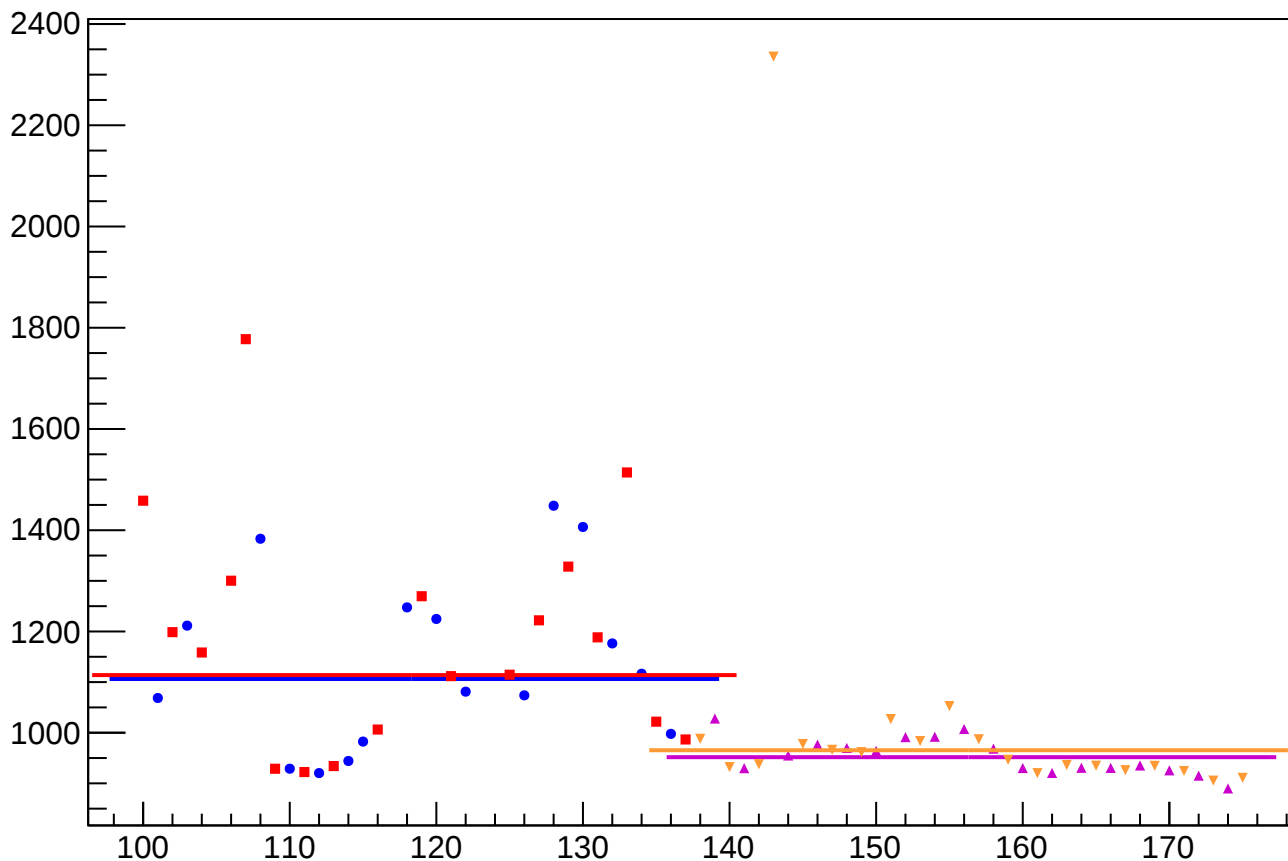
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -285.998 ± 218.178 $\chi^2/\text{NDF}: 29.9/33$

Out: 239.563 ± 215.725 $\chi^2/\text{NDF}: 46.4/37$

All: -20.247 ± 153.401 $\chi^2/\text{NDF}: 79.2/71$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 $\pm$ 0.306 χ^2/NDF : 259917.7/15

Left Out: 965.367 $\pm$ 0.177 χ^2/NDF : 581748.6/19

Right Out: 1113.821 $\pm$ 0.302 χ^2/NDF : 364293.1/17

Left In: 951.687 $\pm$ 0.179 χ^2/NDF : 38324.7/17

Left: 958.602 $\pm$ 0.126 χ^2/NDF : 623036.8/37

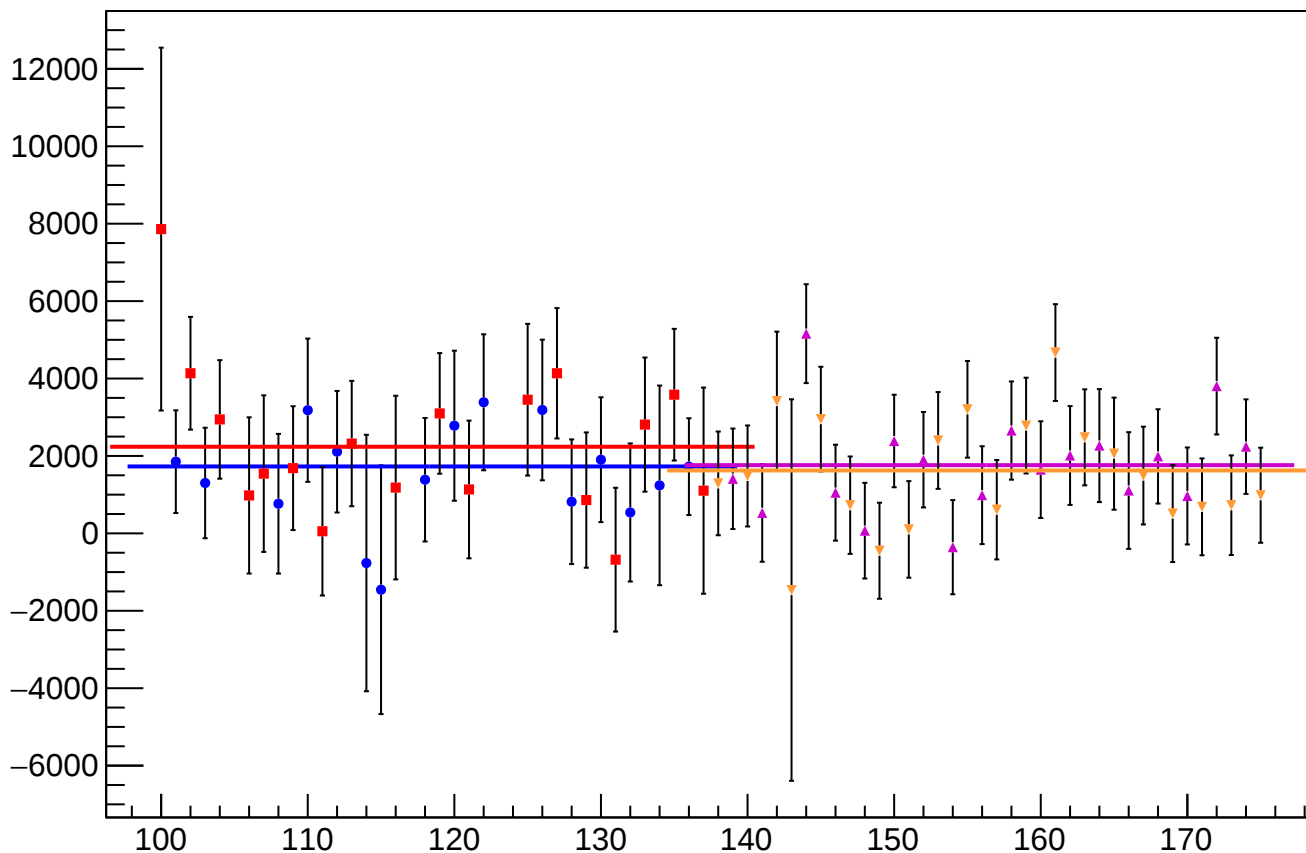
Right: 1110.038 $\pm$ 0.215 χ^2/NDF : 624528.4/33

In: 990.964 $\pm$ 0.154 χ^2/NDF : 488340.8/33

Out: 1003.201 $\pm$ 0.153 χ^2/NDF : 1125907.1/37

All: 997.152 $\pm$ 0.108 χ^2/NDF : 1617429.2/71

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 $\pm$ 429.803 χ^2/NDF : 5.3/15

Left Out: 1625.200 $\pm$ 295.590 χ^2/NDF :19.3/19

Right Out: 2237.683 $\pm$ 425.458 χ^2/NDF : 12.3/17

Left In: 1762.100 $\pm$ 298.730 χ^2/NDF :18.1/17

Left: 1692.927 $\pm$ 210.115 χ^2/NDF : 37.5/37

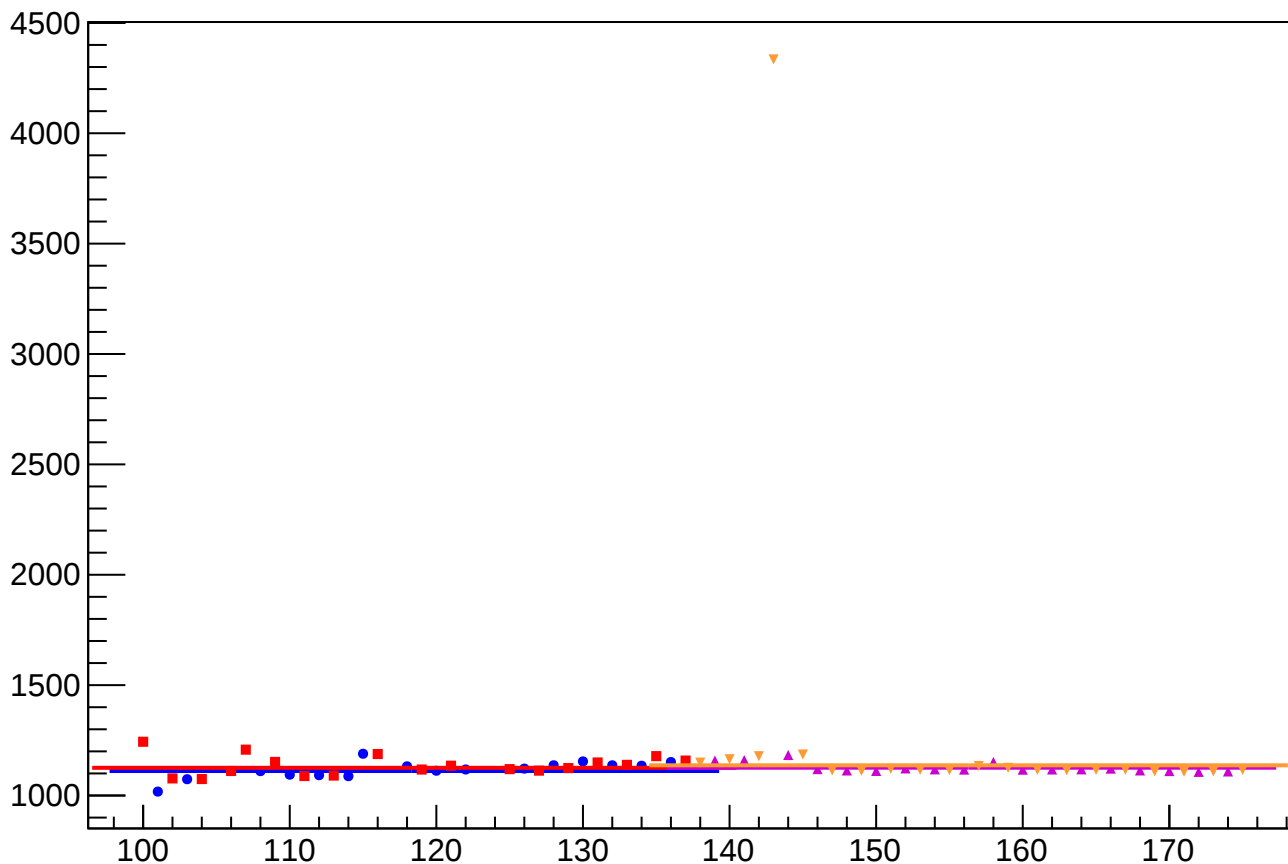
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

In: 1751.144 $\pm$ 245.299 χ^2/NDF :23.4/33

Out: 1824.593 $\pm$ 242.753 χ^2/NDF :33.0/37

All: 1788.252 $\pm$ 172.546 χ^2/NDF : 56.4/71

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042+/-0.304 χ^2/NDF : 18091.1/15

Left Out: 1136.855+/-0.209 χ^2/NDF : 855531.5/19

Right Out: 1125.496+/-0.301 χ^2/NDF : 15880.9/17

Left In: 1126.006+/-0.211 χ^2/NDF : 9982.0/17

Left: 1131.487+/-0.149 χ^2/NDF : 866846.4/37

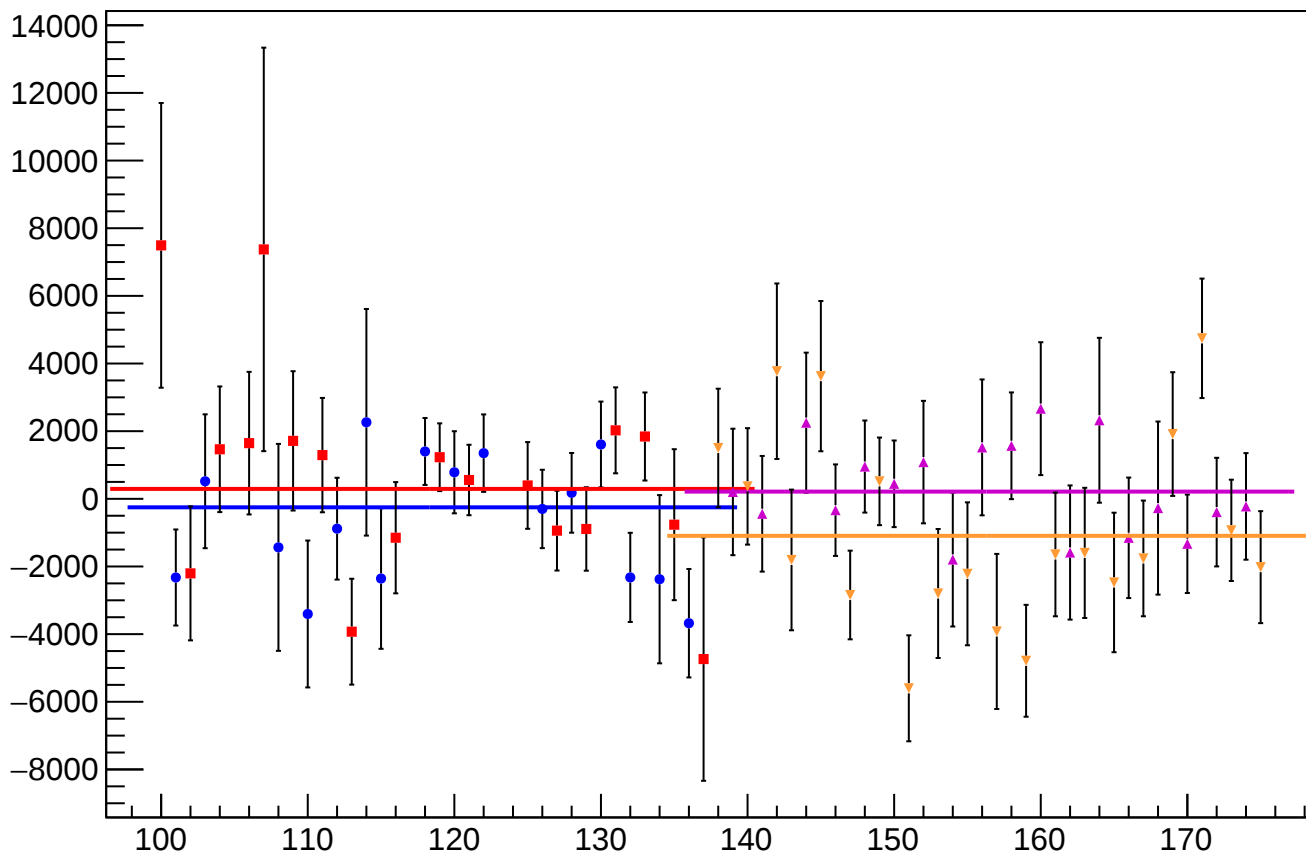
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1121.132+/-0.173 χ^2/NDF : 29707.6/33

Out: 1133.157+/-0.172 χ^2/NDF : 872374.0/37

All: 1127.207+/-0.122 χ^2/NDF : 904509.8/71

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 $\pm$ 364.951 χ^2 /NDF: 21.8/15

Left Out: -1093.486 $\pm$ 393.351 χ^2 /NDF:45.0/19

Right Out: 293.658 $\pm$ 362.490 χ^2 /NDF: 24.0/17

Left In: 213.441 $\pm$ 402.220 χ^2 /NDF:9.1/17

Left: -454.591 $\pm$ 281.224 χ^2 /NDF: 59.5/37

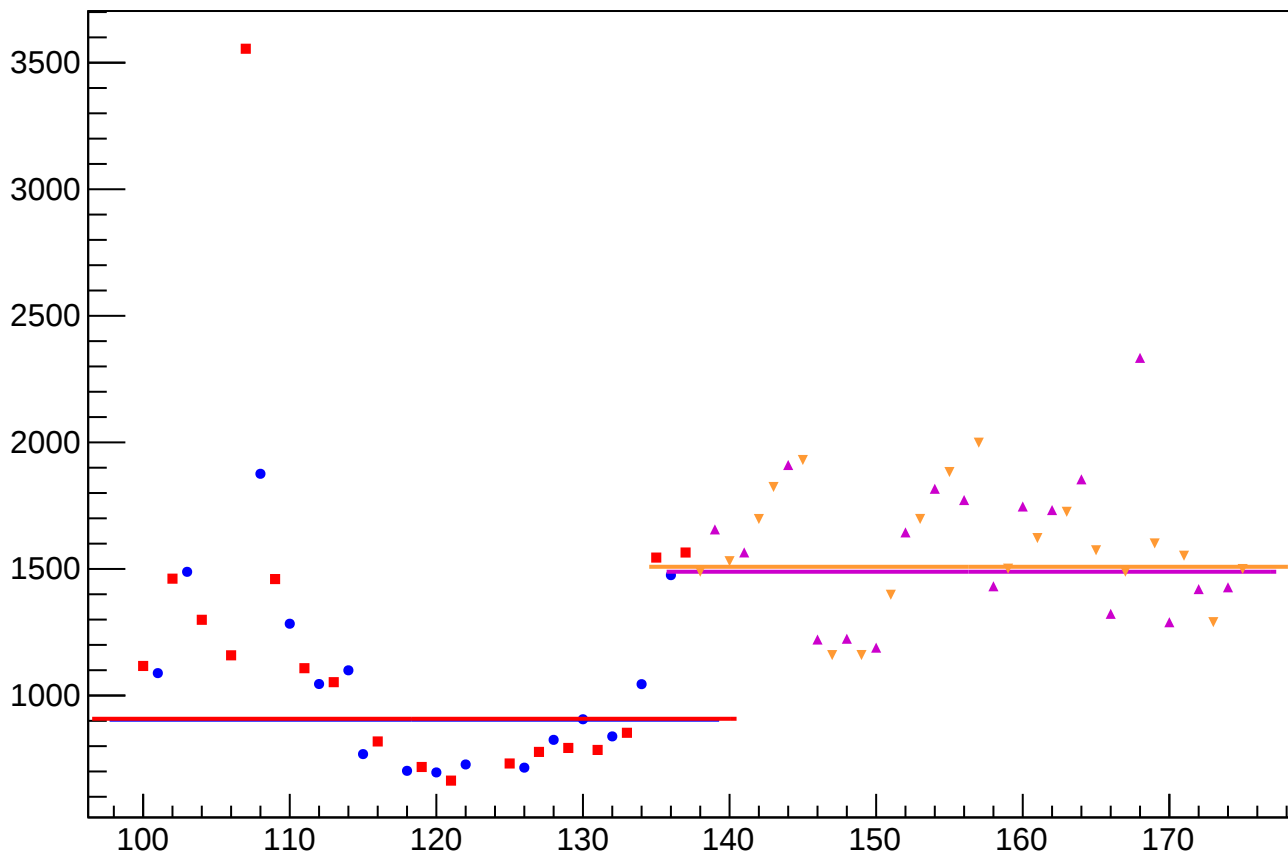
Right: 23.010 $\pm$ 257.185 χ^2 /NDF: 47.0/33

In: -41.468 $\pm$ 270.277 χ^2 /NDF:31.7/33

Out: -343.371 $\pm$ 266.562 χ^2 /NDF:75.7/37

All: -194.509 $\pm$ 189.788 χ^2 /NDF: 108.1/71

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488 $\pm$ 0.258 χ^2 /NDF: 1021094.8/15

Left Out: 1508.578 $\pm$ 0.278 χ^2 /NDF: 684267.7/19

Right Out: 908.153 $\pm$ 0.256 χ^2 /NDF: 1381025.2/17

Left In: 1488.986 $\pm$ 0.284 χ^2 /NDF: 868053.8/17

Left: 1499.000 $\pm$ 0.199 χ^2 /NDF: 1554747.1/37

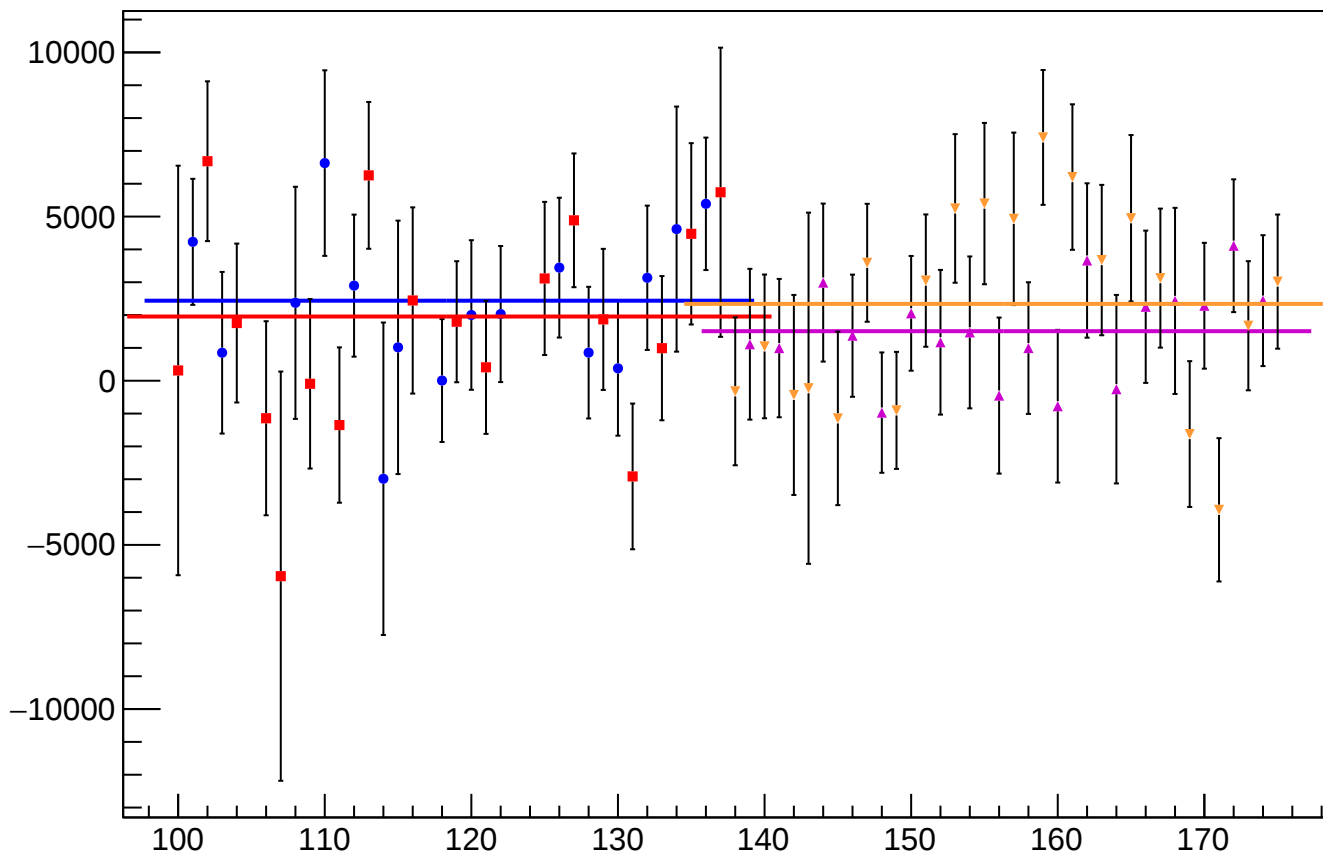
Right: 906.333 $\pm$ 0.182 χ^2 /NDF: 2402221.4/33

In: 1168.409 $\pm$ 0.191 χ^2 /NDF: 4205569.4/33

Out: 1183.891 $\pm$ 0.188 χ^2 /NDF: 4585252.8/37

All: 1176.257 $\pm$ 0.134 χ^2 /NDF: 8794148.7/71

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 $\pm$ 586.231 χ^2 /NDF: 11.2/15

Left Out: 2340.851 $\pm$ 500.631 χ^2 /NDF:35.0/19

Right Out: 1955.910 $\pm$ 584.085 χ^2 /NDF: 22.4/17

Left In: 1509.173 $\pm$ 507.267 χ^2 /NDF:7.6/17

Left: 1930.487 $\pm$ 356.322 χ^2 /NDF: 43.9/37

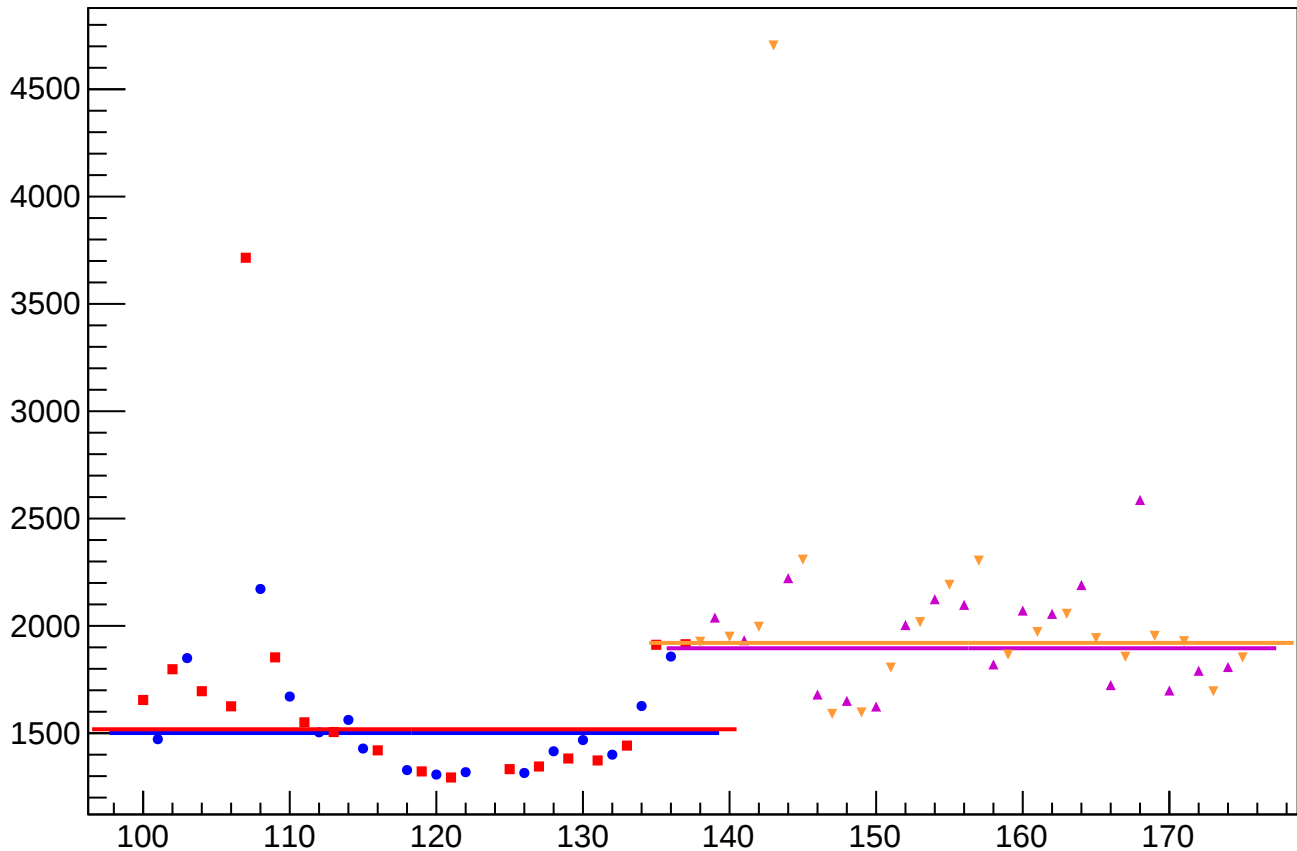
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1906.652 $\pm$ 383.595 χ^2 /NDF:20.2/33

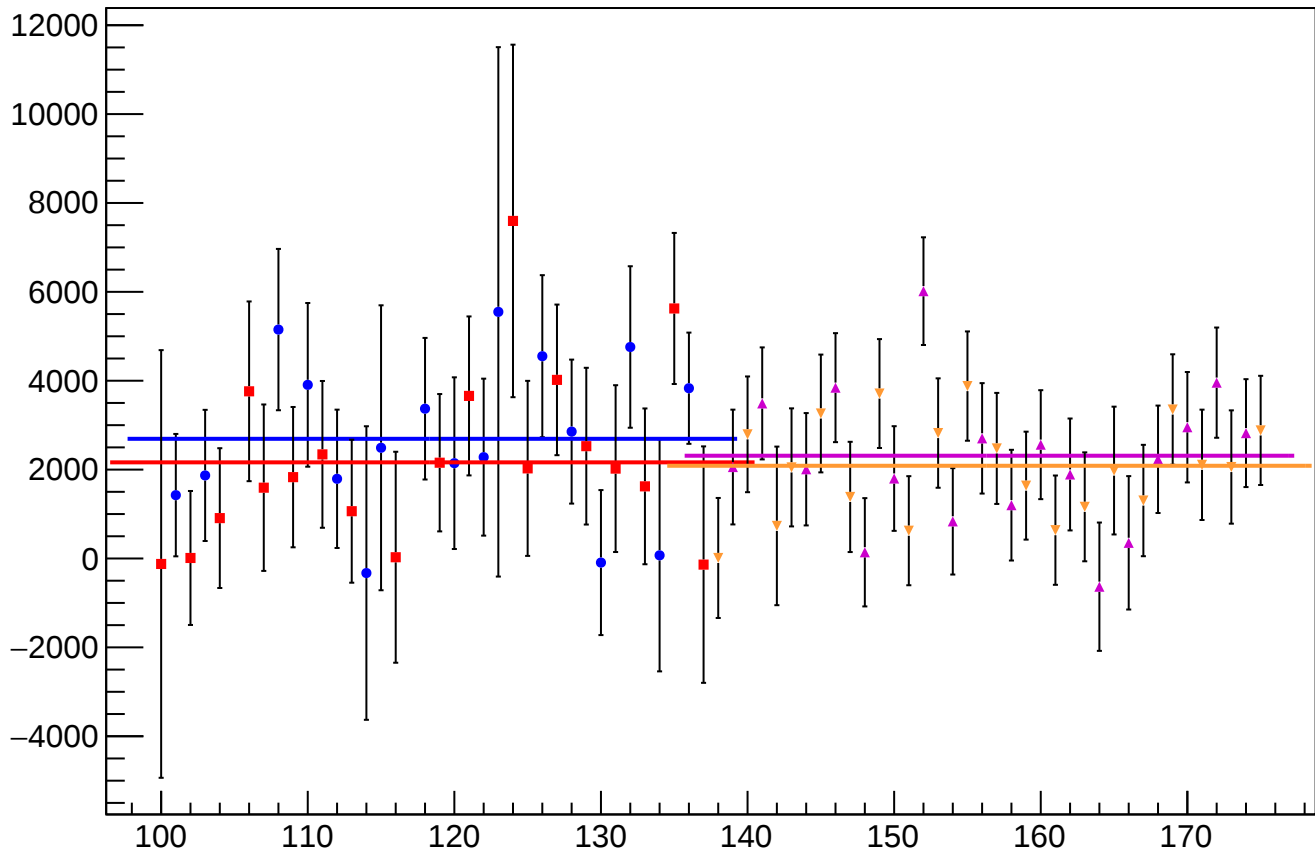
Out: 2177.822 $\pm$ 380.112 χ^2 /NDF:57.6/37

All: 2043.473 $\pm$ 270.003 χ^2 /NDF: 78.1/71

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 $\pm$ 432.616 χ^2/NDF : 12.2/16

Left Out: 2086.288 $\pm$ 285.953 χ^2/NDF : 14.0/19

Right Out: 2163.105 $\pm$ 423.797 χ^2/NDF : 13.8/18

Left In: 2312.402 $\pm$ 295.315 χ^2/NDF : 25.9/17

Left: 2195.704 $\pm$ 205.429 χ^2/NDF : 40.2/37

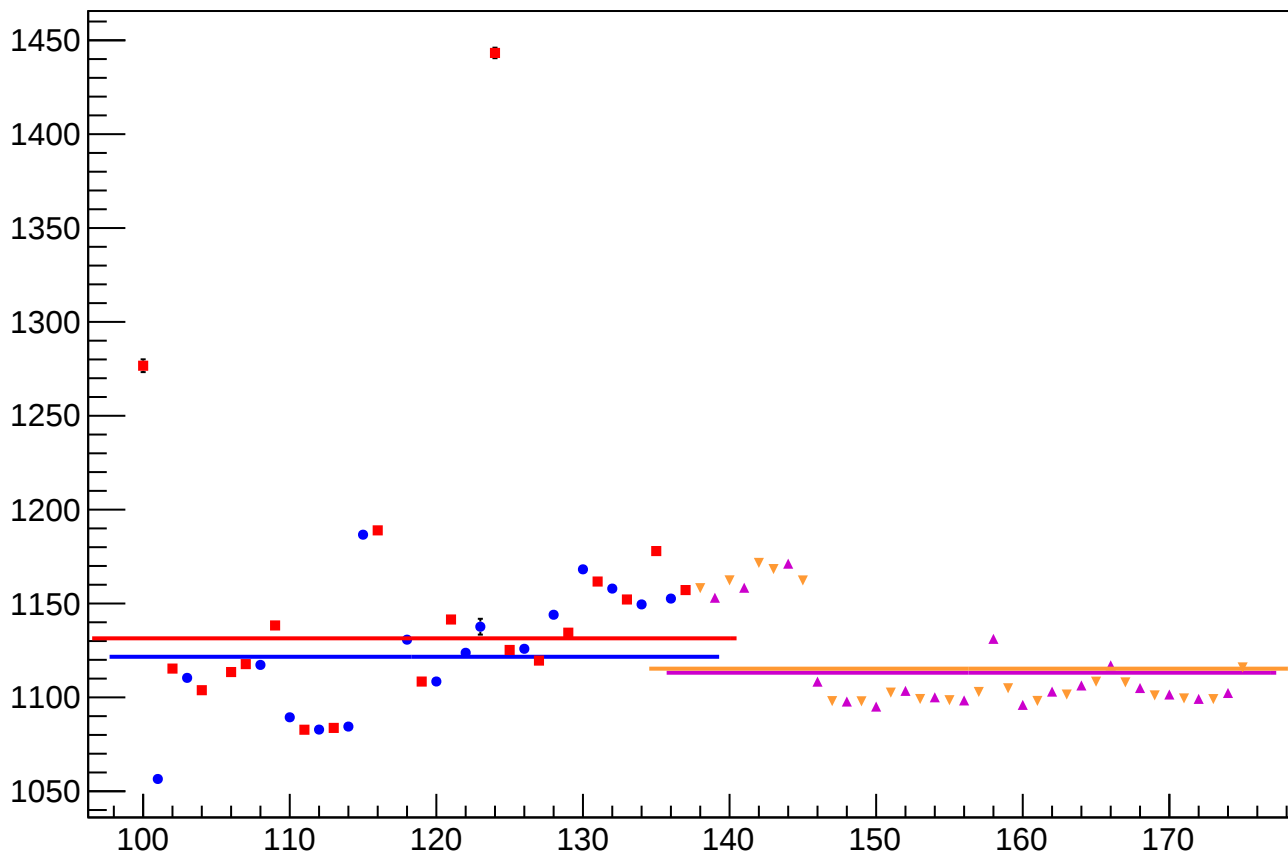
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2433.379 $\pm$ 243.905 χ^2/NDF : 38.7/34

Out: 2110.320 $\pm$ 237.041 χ^2/NDF : 27.8/38

All: 2267.239 $\pm$ 169.988 χ^2/NDF : 67.4/73

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626+/-0.306 χ^2/NDF : 11980.2/16

Left Out: 1115.298+/-0.202 χ^2/NDF : 16064.5/19

Right Out: 1131.451+/-0.300 χ^2/NDF : 23111.7/18

Left In: 1113.134+/-0.209 χ^2/NDF : 11851.4/17

Left: 1114.251+/-0.145 χ^2/NDF : 27971.4/37

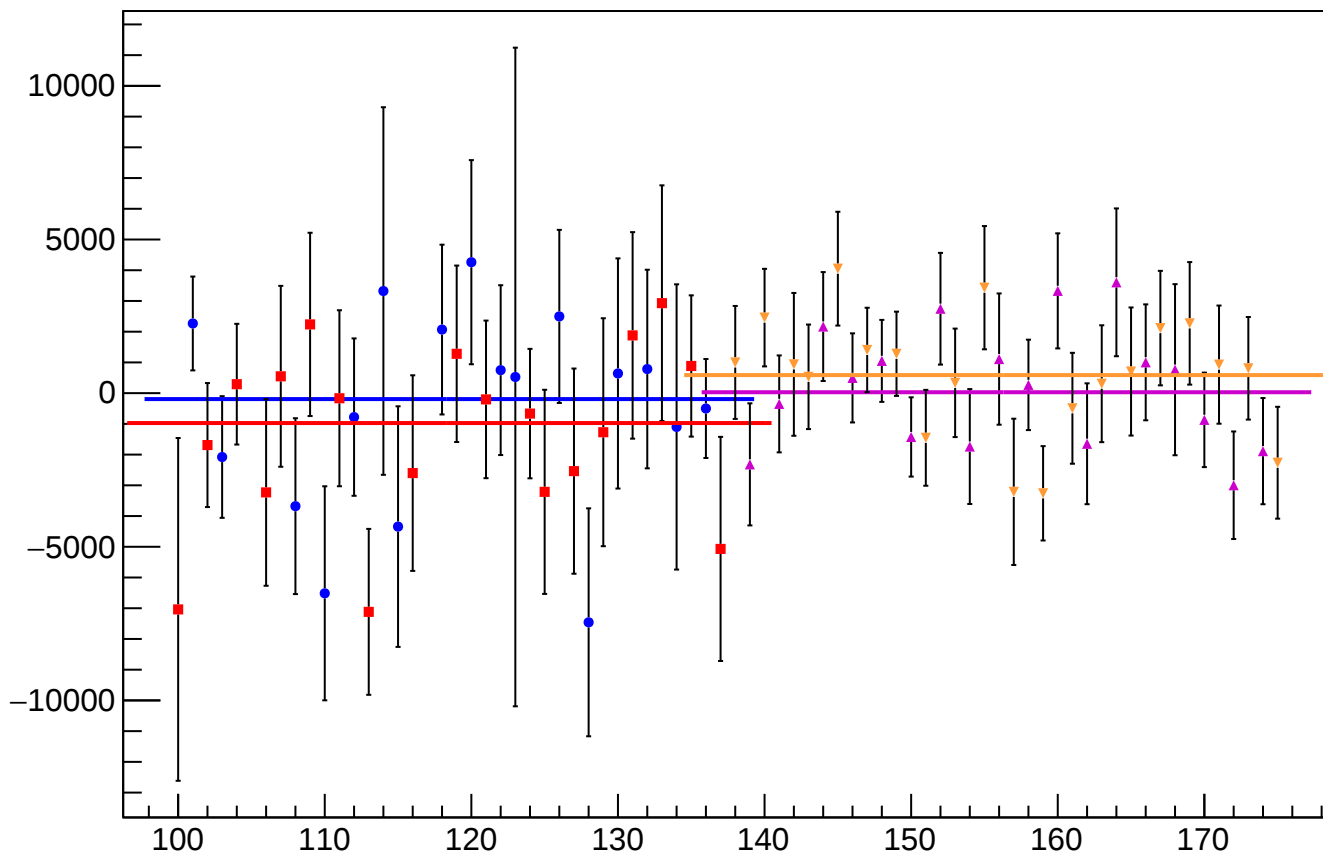
Right: 1126.640+/-0.214 χ^2/NDF : 35618.4/35

In: 1115.833+/-0.172 χ^2/NDF : 24357.4/34

Out: 1120.352+/-0.168 χ^2/NDF : 41172.7/38

All: 1118.157+/-0.120 χ^2/NDF : 65883.1/73

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 ± 660.359 $\chi^2/\text{NDF}: 17.4/16$

Left Out: 587.297 ± 393.999 $\chi^2/\text{NDF}: 22.4/19$

Right Out: -973.263 ± 645.048 $\chi^2/\text{NDF}: 14.3/18$

Left In: 29.715 ± 405.124 $\chi^2/\text{NDF}: 19.2/17$

Left: 316.267 ± 282.451 $\chi^2/\text{NDF}: 42.6/37$

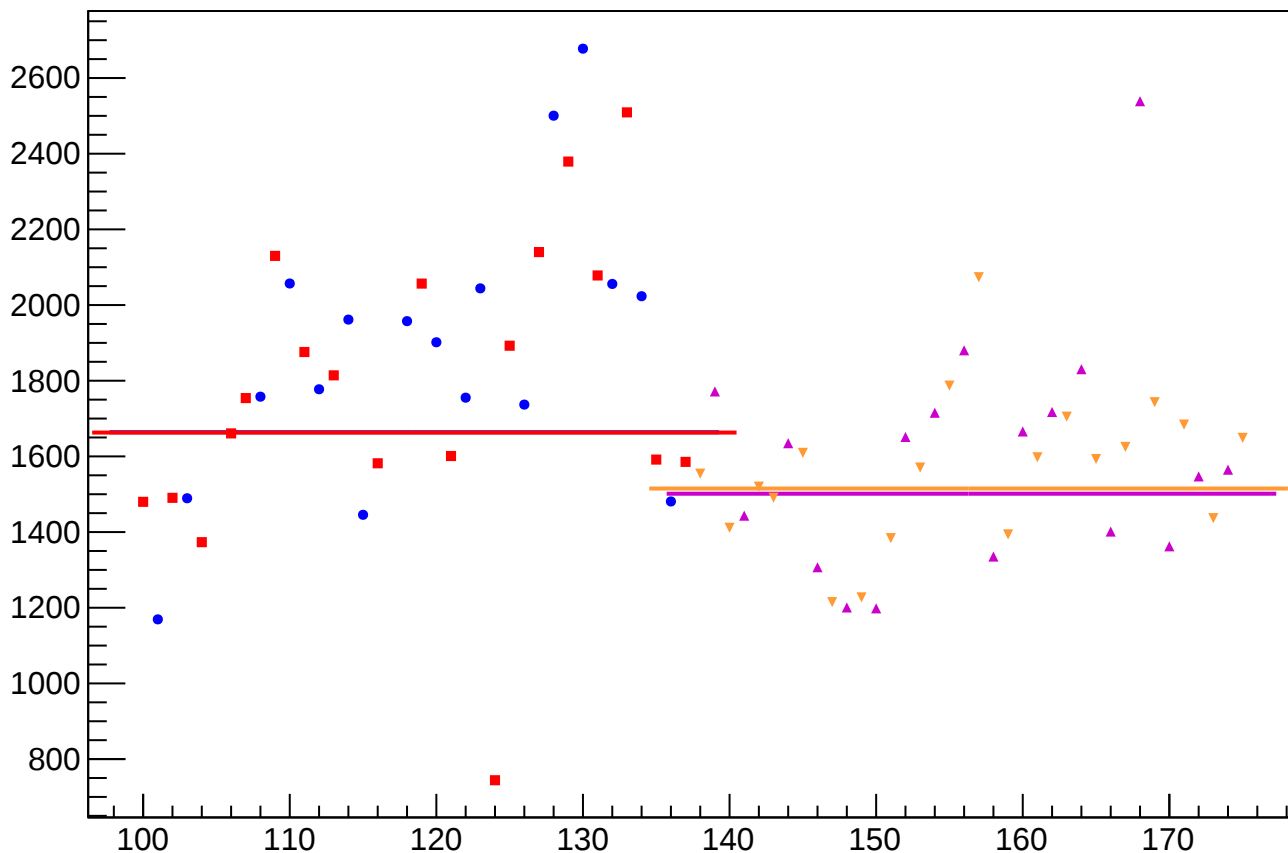
Right: -592.444 ± 461.436 $\chi^2/\text{NDF}: 32.4/35$

In: -31.278 ± 345.319 $\chi^2/\text{NDF}: 36.7/34$

Out: 163.272 ± 336.238 $\chi^2/\text{NDF}: 41.0/38$

All: 68.589 ± 240.903 $\chi^2/\text{NDF}: 77.8/73$

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779 $\pm$ 0.467 χ^2 /NDF: 622477.6/16

Left Out: 1515.087 $\pm$ 0.279 χ^2 /NDF: 464794.3/19

Right Out: 1662.985 $\pm$ 0.456 χ^2 /NDF: 804974.2/18

Left In: 1501.372 $\pm$ 0.286 χ^2 /NDF: 807888.4/17

Left: 1508.421 $\pm$ 0.200 χ^2 /NDF: 1273860.7/37

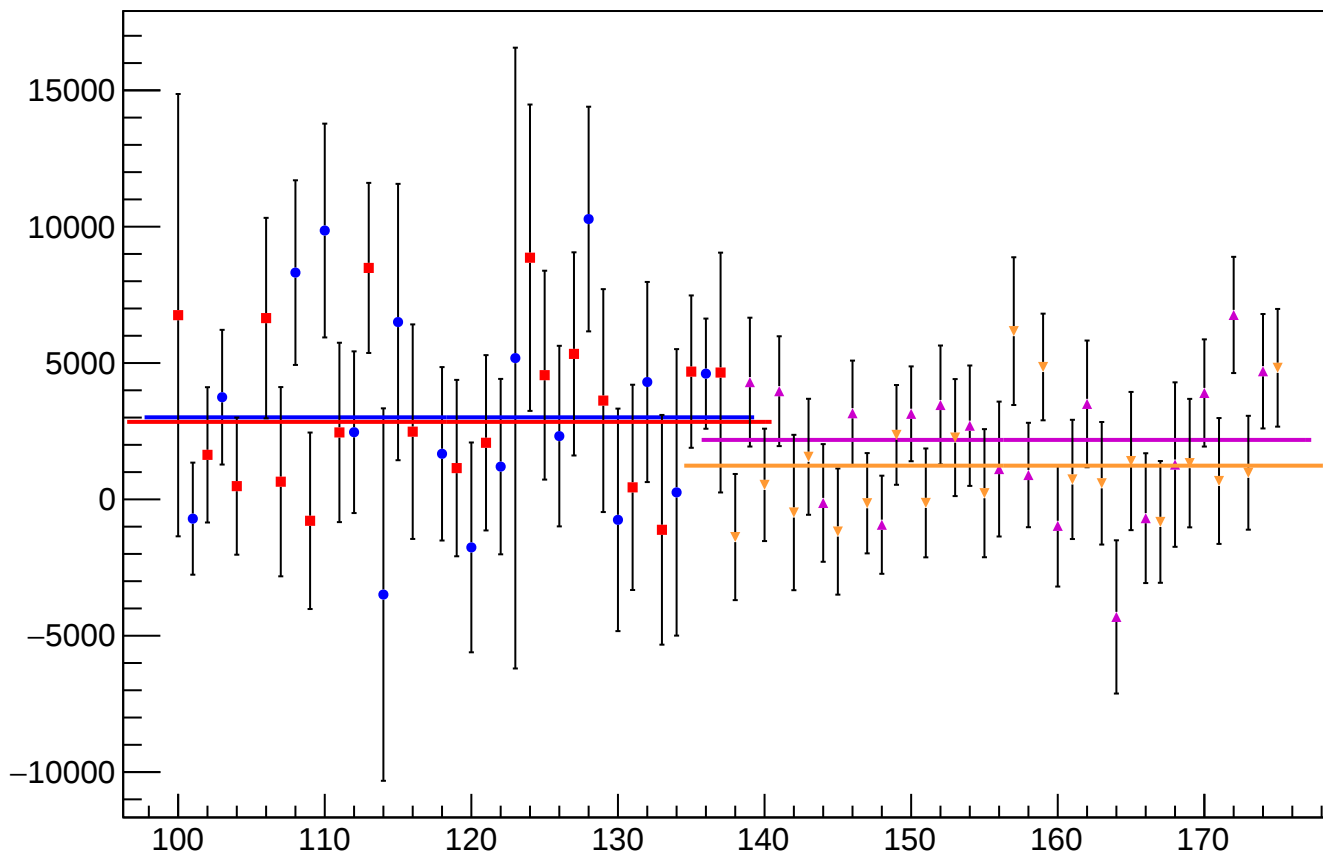
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1545.783 $\pm$ 0.244 χ^2 /NDF: 1518257.0/34

Out: 1555.273 $\pm$ 0.238 χ^2 /NDF: 1346341.1/38

All: 1550.654 $\pm$ 0.170 χ^2 /NDF: 2865373.5/73

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190+/-799.647 χ^2/NDF : 17.4/16

Left Out: 1236.728+/-489.649 χ^2/NDF : 15.3/19

Right Out: 2842.013+/-795.731 χ^2/NDF : 11.4/18

Left In: 2180.938+/-505.925 χ^2/NDF : 23.4/17

Left: 1693.401+/-351.848 χ^2/NDF : 40.4/37

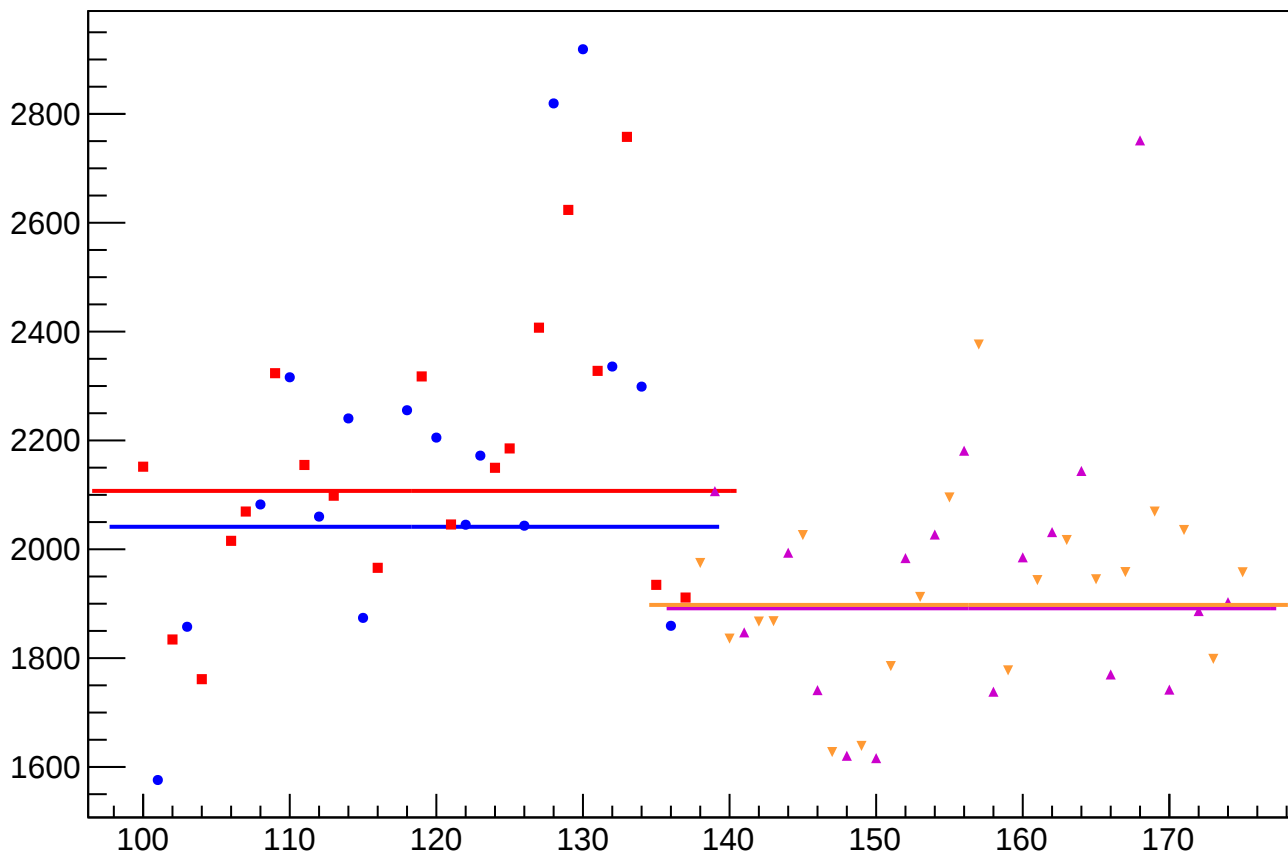
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2417.704+/-427.540 χ^2/NDF : 41.5/34

Out: 1677.623+/-417.021 χ^2/NDF : 29.7/38

All: 2038.447+/-298.528 χ^2/NDF : 72.7/73

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 $\pm$ 0.565 χ^2 /NDF: 338436.8/16

Left Out: 1897.779 $\pm$ 0.346 χ^2 /NDF:217100.4/19

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1891.536 $\pm$ 0.358 χ^2 /NDF:387396.7/17

Left: 1894.759 $\pm$ 0.249 χ^2 /NDF: 604654.4/37

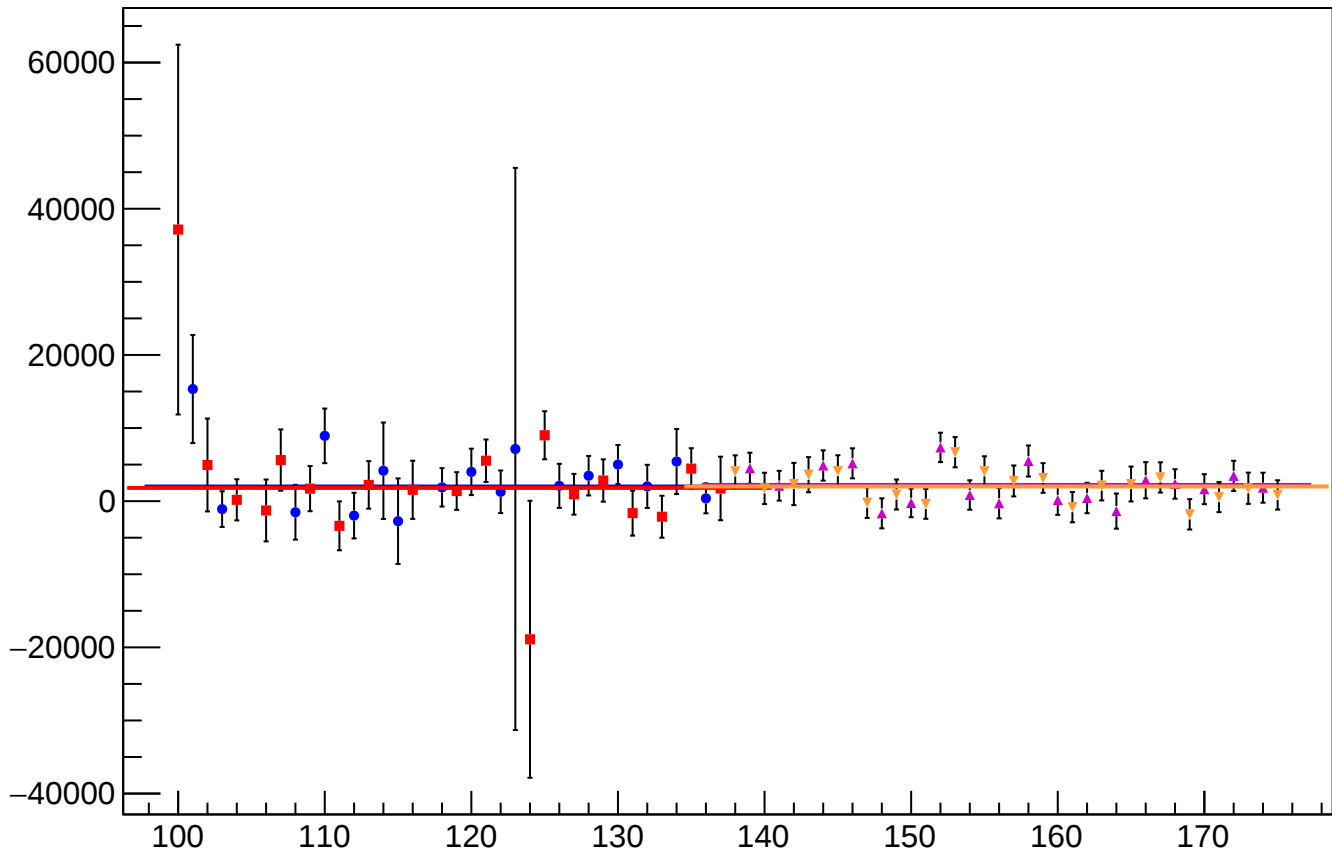
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1934.362 $\pm$ 0.302 χ^2 /NDF:775965.1/34

Out: 1955.318 $\pm$ 0.295 χ^2 /NDF:514436.9/38

All: 1945.101 $\pm$ 0.211 χ^2 /NDF: 1292864.4/73

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899+/-781.612 χ^2/NDF : 14.8/16

Left Out: 2008.162+/-476.743 χ^2/NDF : 18.2/19

Right Out: 1815.578+/-781.463 χ^2/NDF : 18.2/18

Left In: 2216.962+/-491.293 χ^2/NDF : 25.4/17

Left: 2109.424+/-342.136 χ^2/NDF : 43.7/37

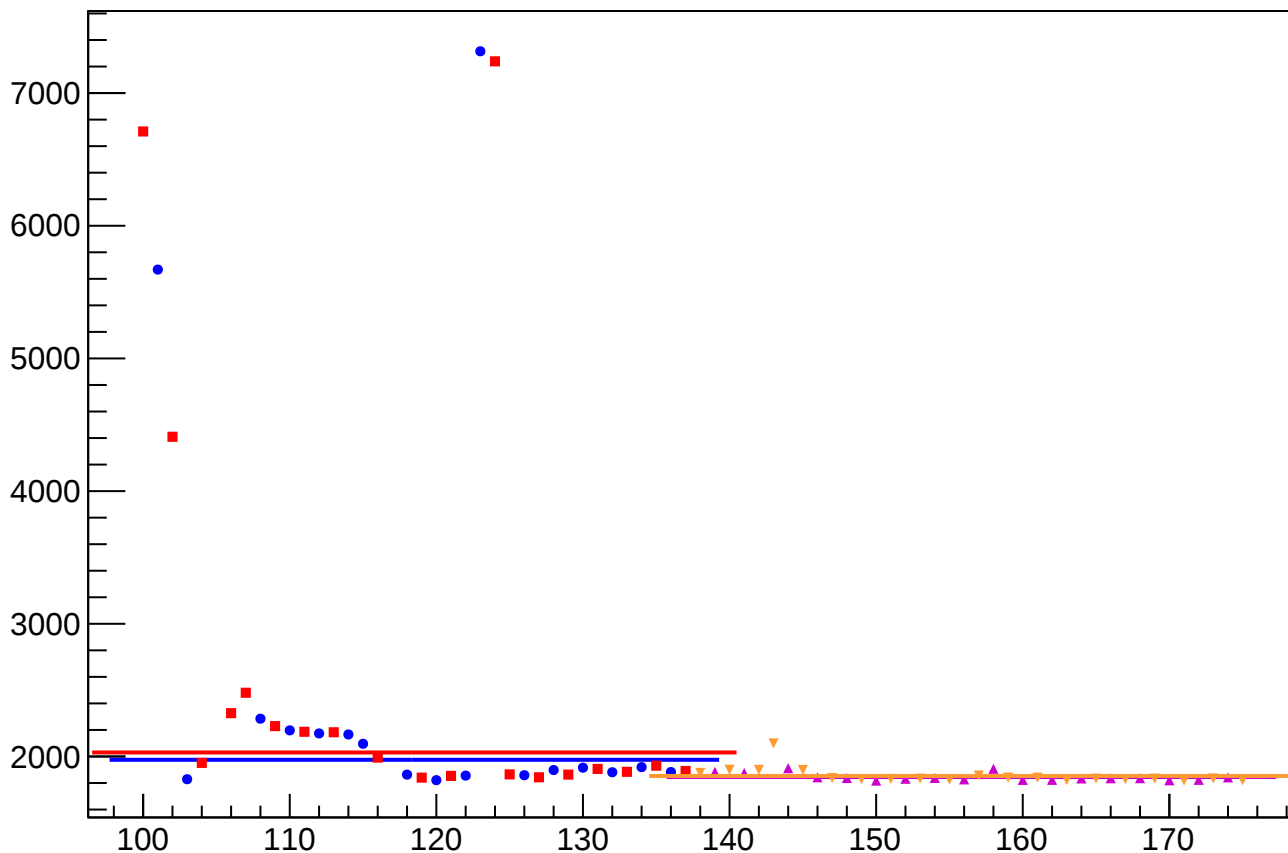
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2155.489+/-415.948 χ^2/NDF : 40.2/34

Out: 1955.927+/-406.985 χ^2/NDF : 36.5/38

All: 2053.535+/-290.899 χ^2/NDF : 76.8/73

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109+/-0.553 χ^2/NDF : 599831.6/16

Left Out: 1853.227+/-0.337 χ^2/NDF : 26959.7/19

Right Out: 2030.342+/-0.553 χ^2/NDF : 603923.5/18

Left In: 1845.201+/-0.347 χ^2/NDF : 6597.6/17

Left: 1849.335+/-0.242 χ^2/NDF : 33832.2/37

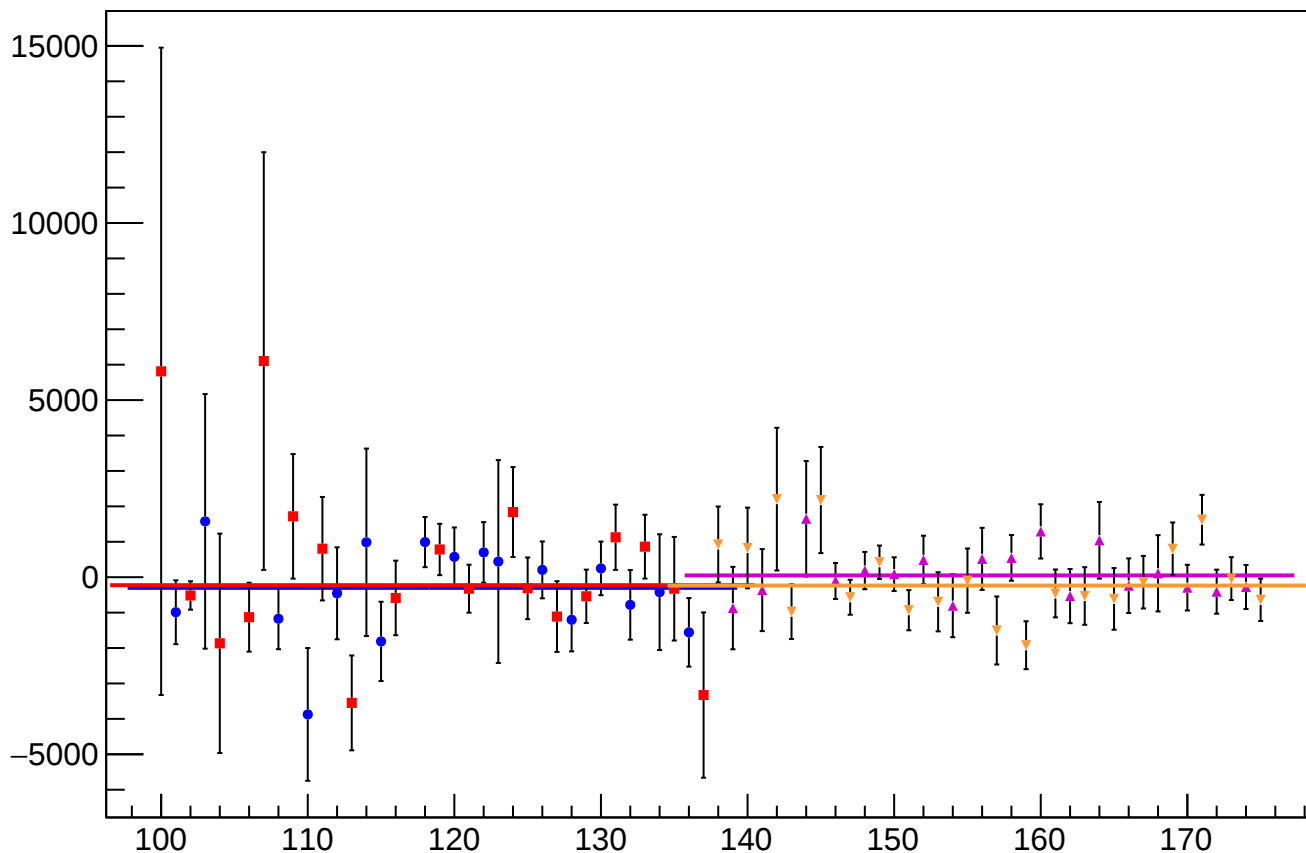
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1881.991+/-0.294 χ^2/NDF : 646031.2/34

Out: 1901.266+/-0.288 χ^2/NDF : 705754.6/38

All: 1891.839+/-0.206 χ^2/NDF : 1353980.1/73

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2/NDF : 17.3/16

Left Out: -236.257 $\pm$ 162.584 χ^2/NDF : 29.2/19

Right Out: -225.432 $\pm$ 215.564 χ^2/NDF : 22.2/18

Left In: 49.852 $\pm$ 168.455 χ^2/NDF : 9.4/17

Left: -98.274 $\pm$ 116.985 χ^2/NDF : 40.1/37

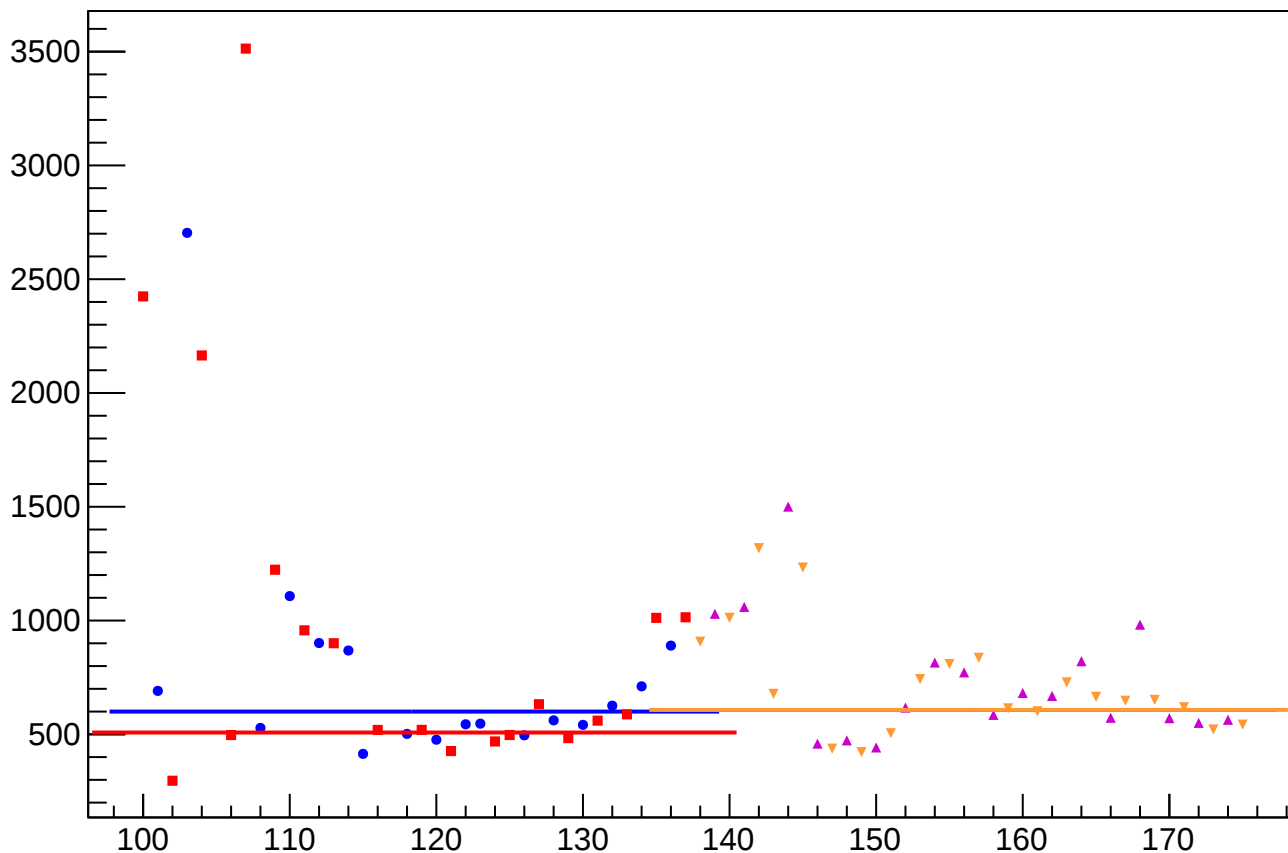
Right: -257.724 $\pm$ 162.302 χ^2/NDF : 39.6/35

In: -61.447 $\pm$ 139.101 χ^2/NDF : 28.1/34

Out: -232.332 $\pm$ 129.804 χ^2/NDF : 51.4/38

All: -152.791 $\pm$ 94.902 χ^2/NDF : 80.3/73

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953 $\pm$ 0.174 χ^2 /NDF: 1381049.4/16

Left Out: 607.382 $\pm$ 0.115 χ^2 /NDF: 2033257.5/19

Right Out: 507.943 $\pm$ 0.152 χ^2 /NDF: 2848884.0/18

Left In: 606.908 $\pm$ 0.119 χ^2 /NDF: 2281656.2/17

Left: 607.153 $\pm$ 0.083 χ^2 /NDF: 4314921.9/37

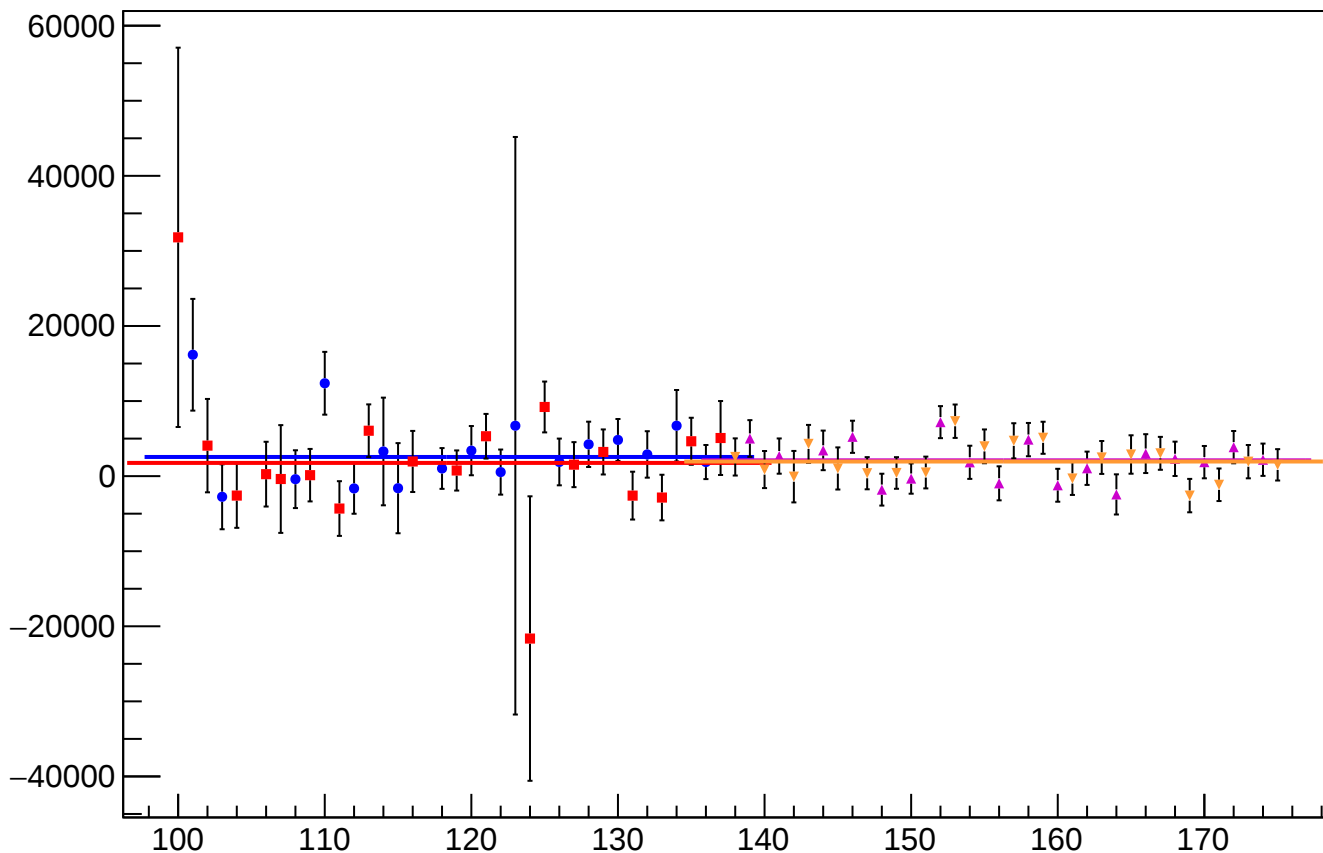
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 604.695 $\pm$ 0.098 χ^2 /NDF: 3663790.0/34

Out: 571.326 $\pm$ 0.092 χ^2 /NDF: 5153418.9/38

All: 586.858 $\pm$ 0.067 χ^2 /NDF: 8878731.1/73

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597 $\pm$ 858.906 χ^2 /NDF: 15.7/16

Left Out: 1948.268 $\pm$ 513.734 χ^2 /NDF:21.1/19

Right Out: 1761.499 $\pm$ 854.672 χ^2 /NDF: 20.9/18

Left In: 2105.741 $\pm$ 531.348 χ^2 /NDF:24.0/17

Left: 2024.351 $\pm$ 369.335 χ^2 /NDF: 45.1/37

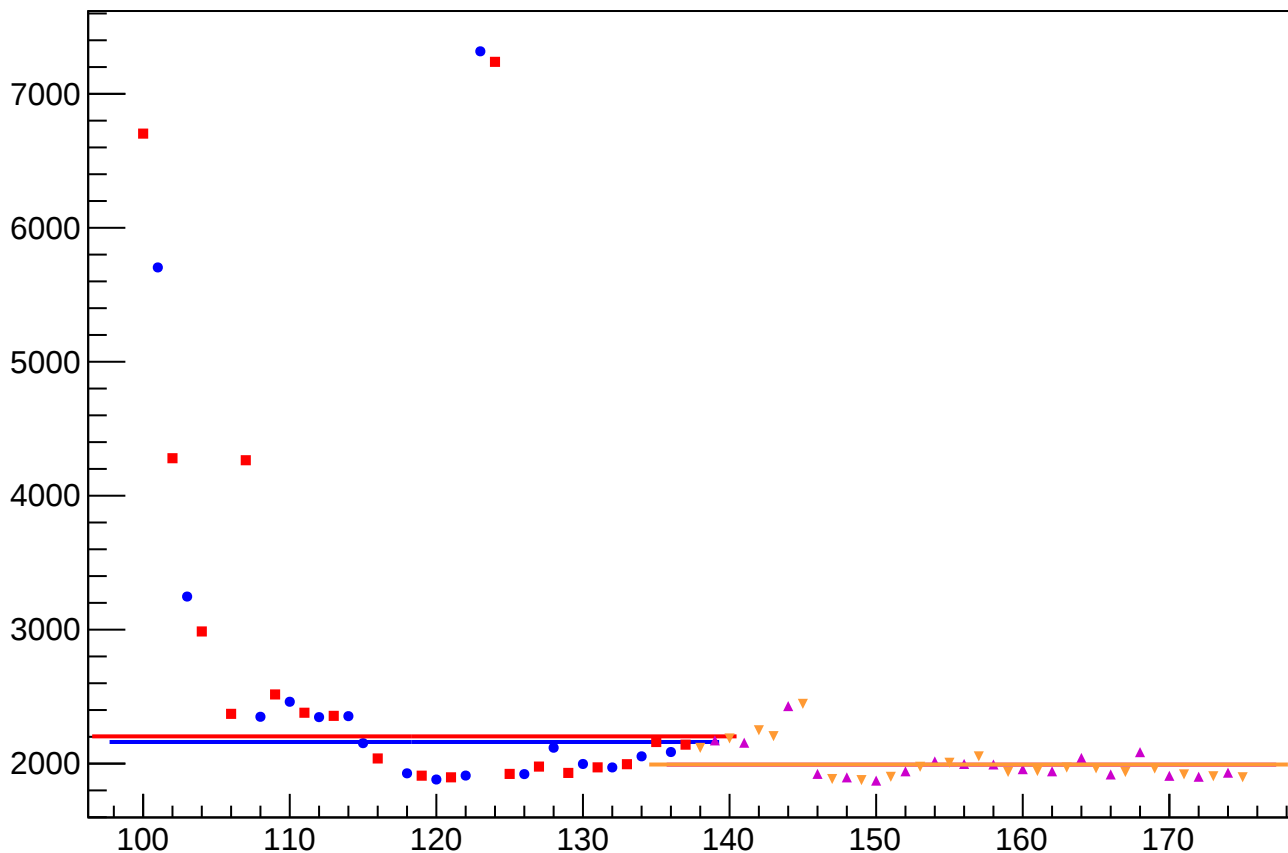
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2229.699 $\pm$ 451.870 χ^2 /NDF:39.9/34

Out: 1898.697 $\pm$ 440.311 χ^2 /NDF:42.1/38

All: 2059.910 $\pm$ 315.354 χ^2 /NDF: 82.2/73

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418+/-0.607 χ^2/NDF : 711253.3/16

Left Out: 1993.197+/-0.363 χ^2/NDF :125364.1/19

Right Out: 2203.343+/-0.604 χ^2/NDF : 797393.2/18

Left In: 1992.078+/-0.376 χ^2/NDF :105261.2/17

Left: 1992.656+/-0.261 χ^2/NDF : 230629.9/37

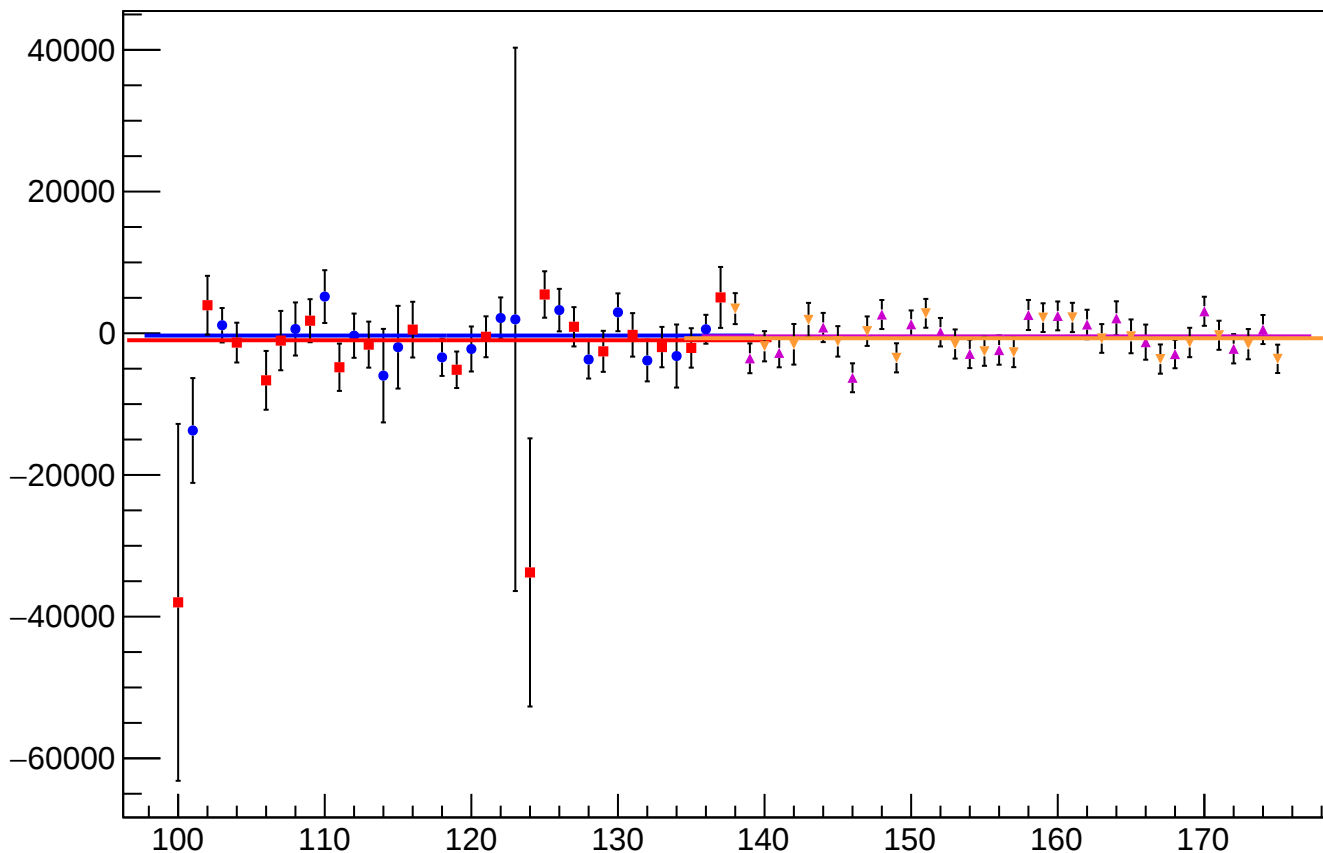
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2038.948+/-0.320 χ^2/NDF :872739.6/34

Out: 2048.972+/-0.311 χ^2/NDF :1011578.7/38

All: 2044.090+/-0.223 χ^2/NDF : 1884823.1/73

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738+/-779.509 χ^2 /NDF: 15.7/16

Left Out: -703.004+/-475.454 χ^2 /NDF:20.6/19

Right Out: -985.900+/-769.924 χ^2 /NDF: 20.4/18

Left In: -439.562+/-490.223 χ^2 /NDF:28.9/17

Left: -575.311+/-341.299 χ^2 /NDF: 49.7/37

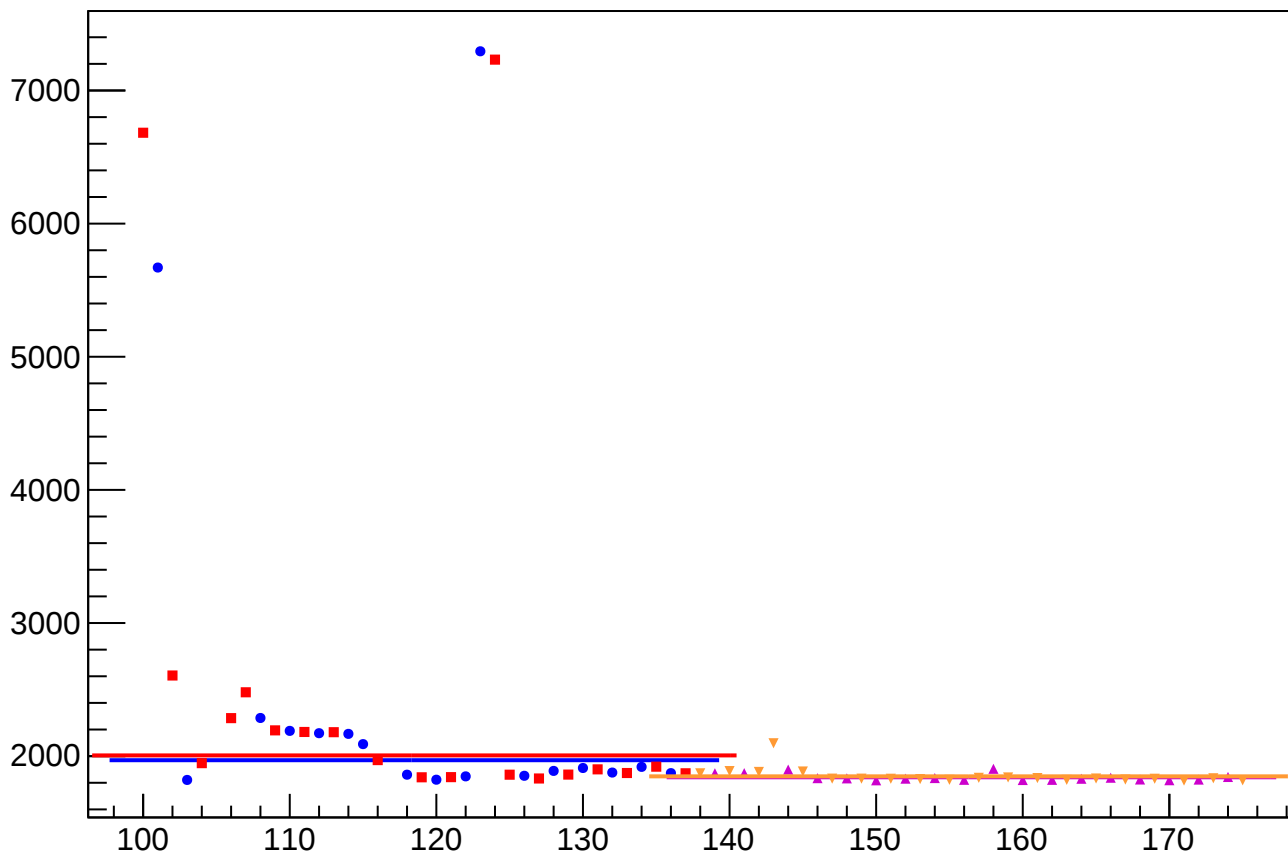
Right: -658.915+/-547.776 χ^2 /NDF: 36.4/35

In: -406.736+/-414.982 χ^2 /NDF:44.7/34

Out: -781.103+/-404.536 χ^2 /NDF:41.1/38

All: -598.691+/-289.673 χ^2 /NDF: 86.2/73

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494+/-0.551 χ^2/NDF : 602810.5/16

Left Out: 1848.296+/-0.336 χ^2/NDF : 26167.0/19

Right Out: 2005.551+/-0.544 χ^2/NDF : 359644.9/18

Left In: 1841.233+/-0.347 χ^2/NDF : 5746.5/17

Left: 1844.873+/-0.241 χ^2/NDF : 32127.5/37

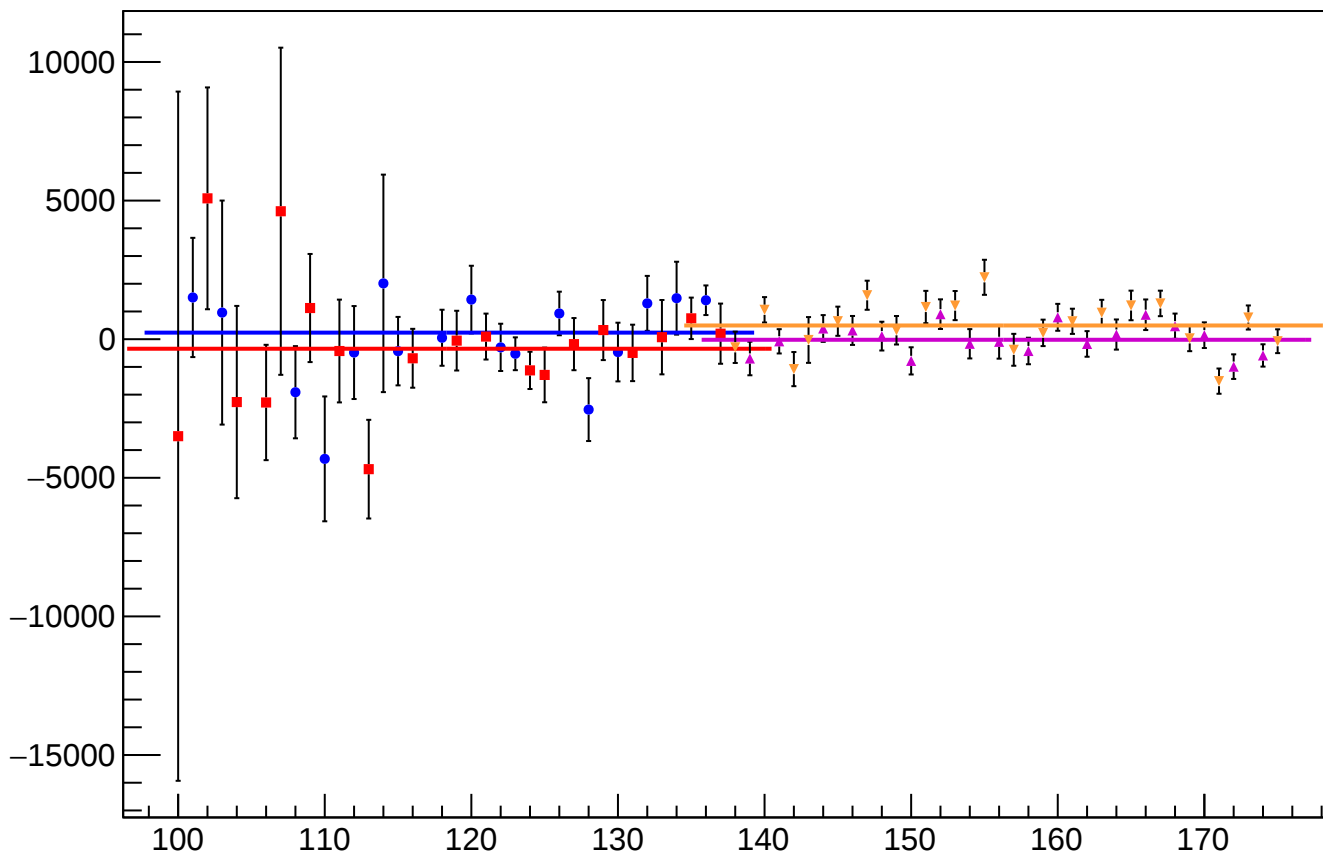
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1877.584+/-0.293 χ^2/NDF : 647358.3/34

Out: 1891.710+/-0.286 χ^2/NDF : 446212.5/38

All: 1884.827+/-0.205 χ^2/NDF : 1094759.0/73

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864 $\pm$ 248.604 χ^2 /NDF: 23.9/16

Left Out: 494.837 $\pm$ 113.659 χ^2 /NDF:56.8/19

Right Out: -344.268 $\pm$ 268.517 χ^2 /NDF: 16.0/18

Left In: -21.064 $\pm$ 116.062 χ^2 /NDF:22.4/17

Left: 242.281 $\pm$ 81.205 χ^2 /NDF: 89.3/37

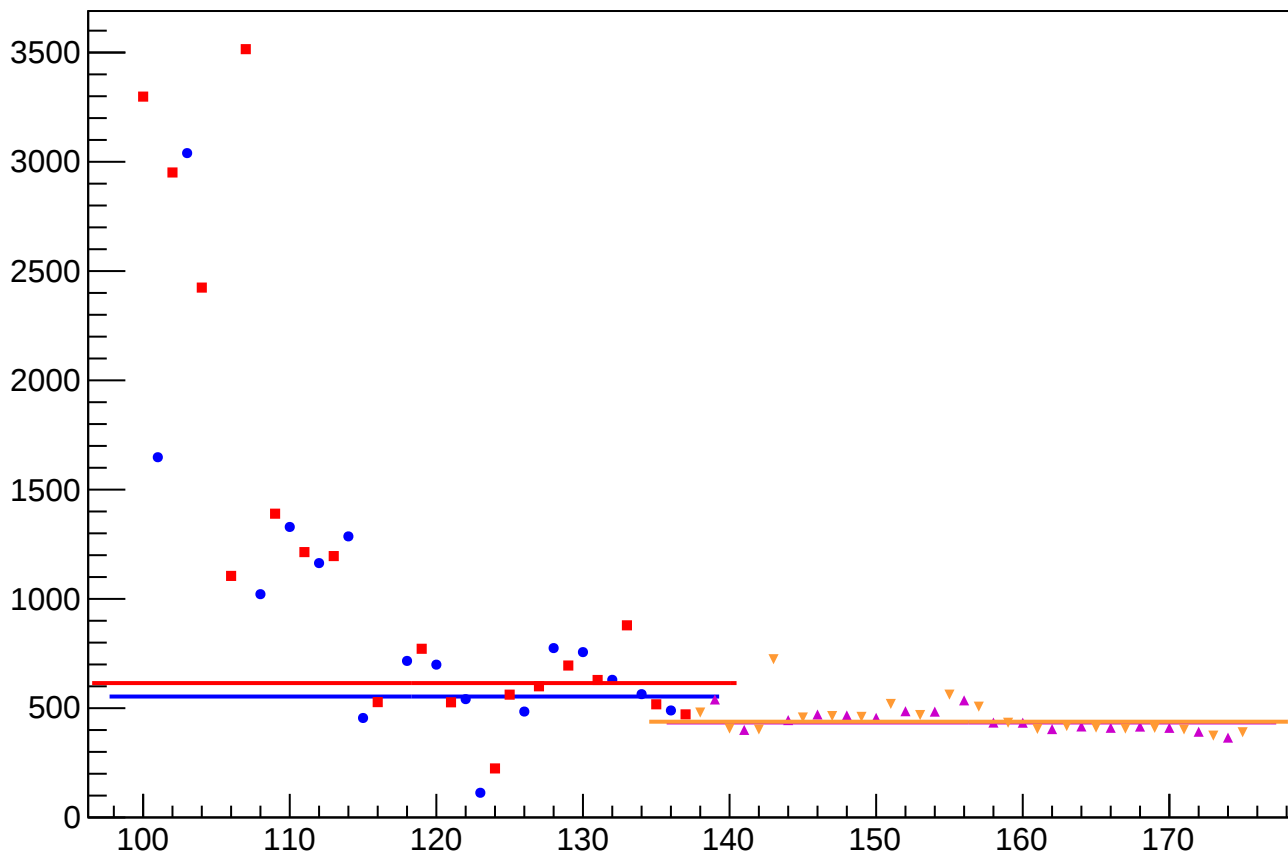
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 25.092 $\pm$ 105.166 χ^2 /NDF:47.1/34

Out: 367.338 $\pm$ 104.669 χ^2 /NDF:81.1/38

All: 197.025 $\pm$ 74.187 χ^2 /NDF: 133.5/73

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280+/-0.176 χ^2/NDF : 3412747.4/16

Left Out: 438.121+/-0.080 χ^2/NDF : 546285.0/19

Right Out: 614.829+/-0.190 χ^2/NDF : 3569607.7/18

Left In: 434.524+/-0.082 χ^2/NDF : 287446.1/17

Left: 436.360+/-0.057 χ^2/NDF : 834712.0/37

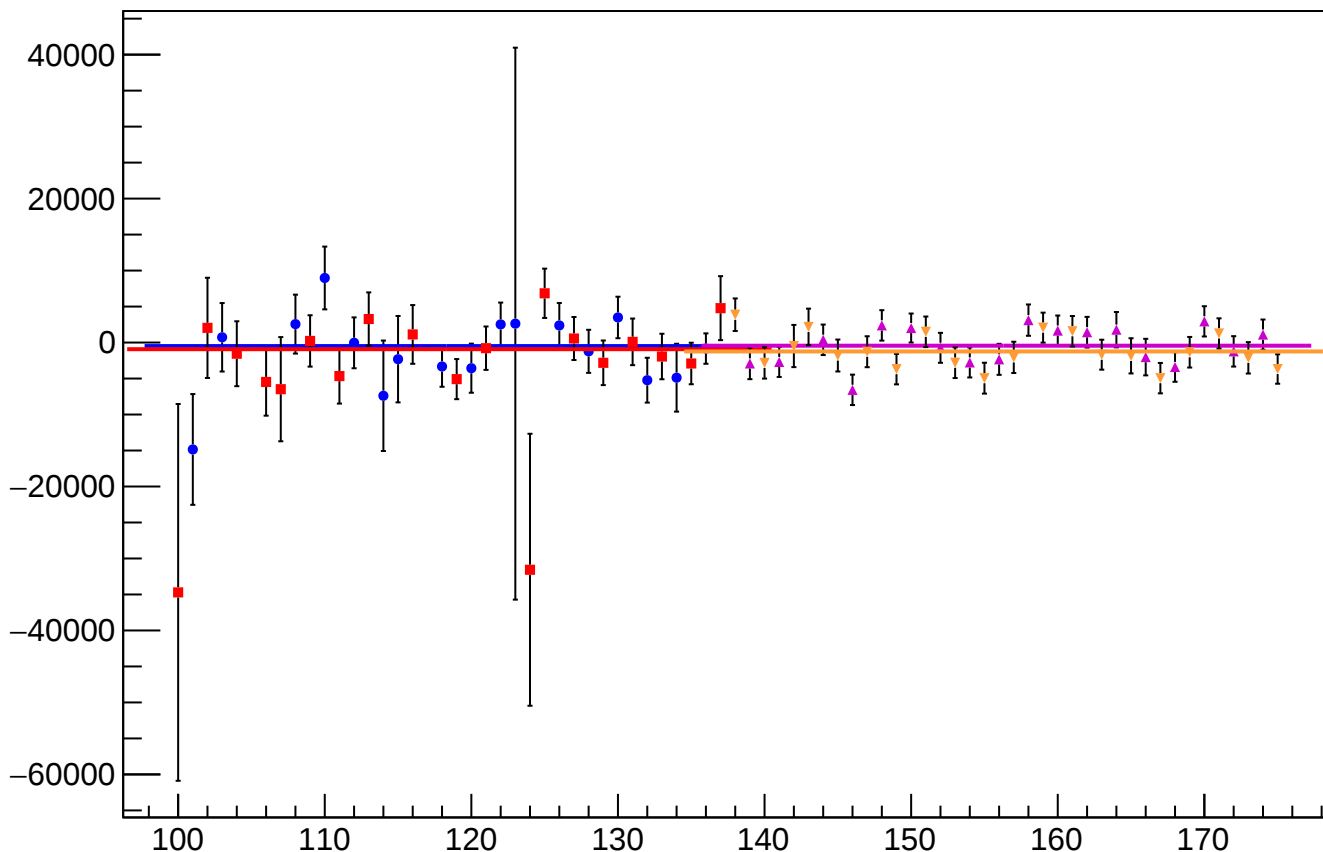
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 455.775+/-0.074 χ^2/NDF : 4074905.0/34

Out: 464.971+/-0.074 χ^2/NDF : 4850447.2/38

All: 460.395+/-0.052 χ^2/NDF : 8933034.9/73

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940+/-867.988 χ^2/NDF : 18.6/16

Left Out: -1234.775+/-490.010 χ^2/NDF : 24.7/19

Right Out: -921.907+/-868.662 χ^2/NDF : 18.9/18

Left In: -437.584+/-504.466 χ^2/NDF : 27.3/17

Left: -847.765+/-351.489 χ^2/NDF : 53.3/37

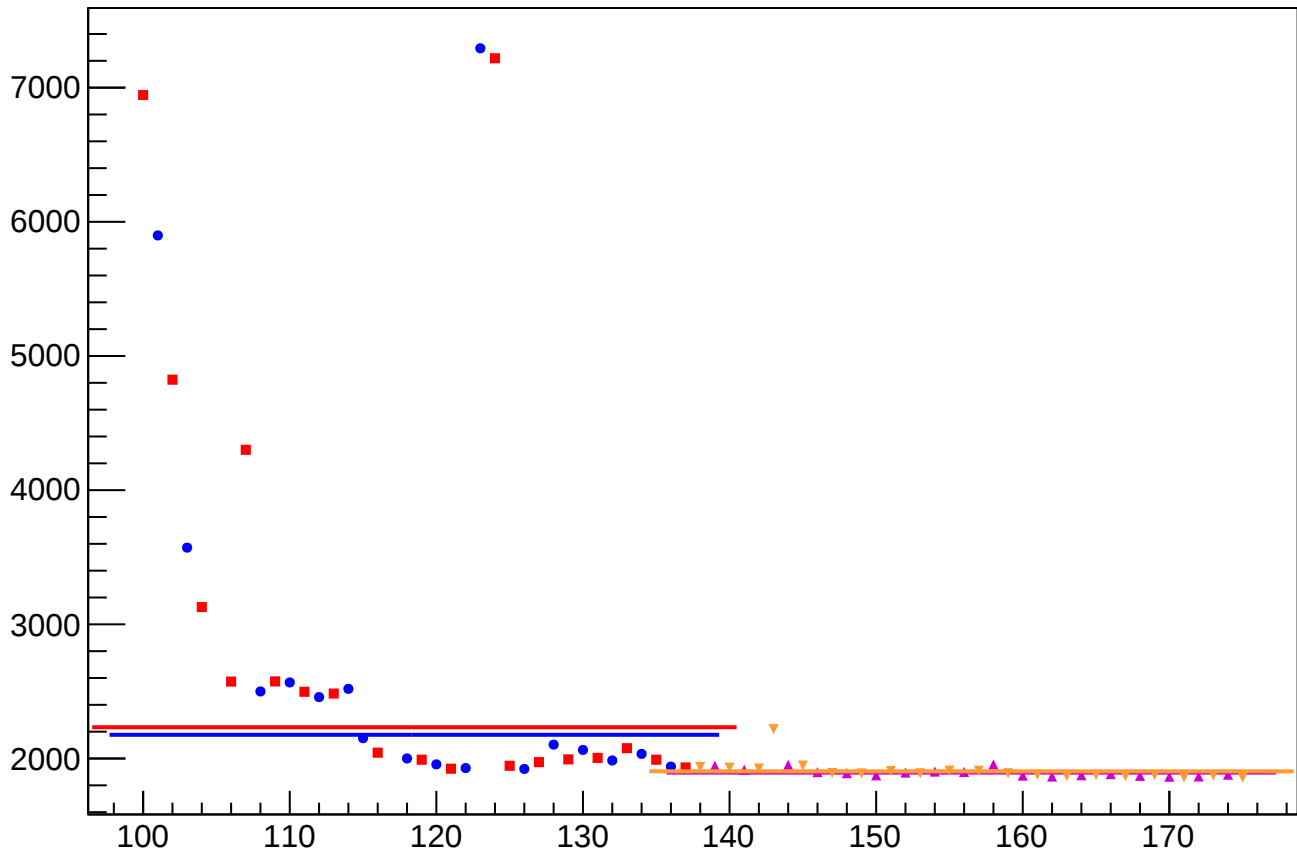
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -451.309+/-436.153 χ^2/NDF : 45.9/34

Out: -1159.251+/-426.789 χ^2/NDF : 43.7/38

All: -812.961+/-305.042 χ^2/NDF : 91.0/73

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746 $\pm$ 0.614 χ^2 /NDF: 802677.9/16

Left Out: 1904.733 $\pm$ 0.346 χ^2 /NDF:36895.1/19

Right Out: 2232.883 $\pm$ 0.614 χ^2 /NDF: 890552.7/18

Left In: 1894.880 $\pm$ 0.357 χ^2 /NDF:6493.7/17

Left: 1899.950 $\pm$ 0.249 χ^2 /NDF: 43781.5/37

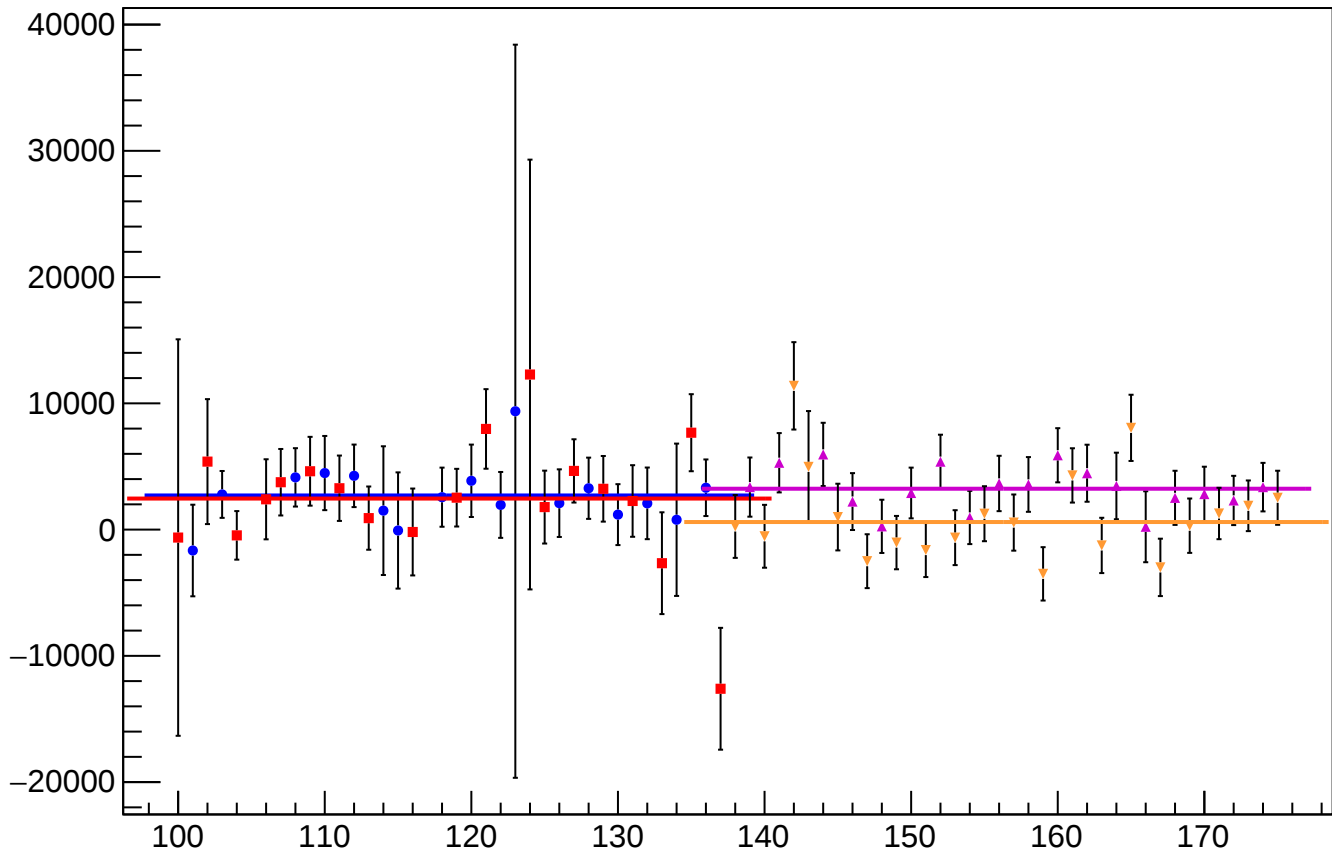
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 1966.049 $\pm$ 0.308 χ^2 /NDF:966825.6/34

Out: 1983.947 $\pm$ 0.302 χ^2 /NDF:1143964.6/38

All: 1975.192 $\pm$ 0.216 χ^2 /NDF: 2112510.7/73

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 $\pm$ 673.898 χ^2/NDF : 4.0/16

Left Out: 599.828 $\pm$ 513.097 χ^2/NDF : 34.5/19

Right Out: 2458.734 $\pm$ 682.630 χ^2/NDF : 23.2/18

Left In: 3237.253 $\pm$ 519.541 χ^2/NDF : 9.8/17

Left: 1902.084 $\pm$ 365.071 χ^2/NDF : 57.3/37

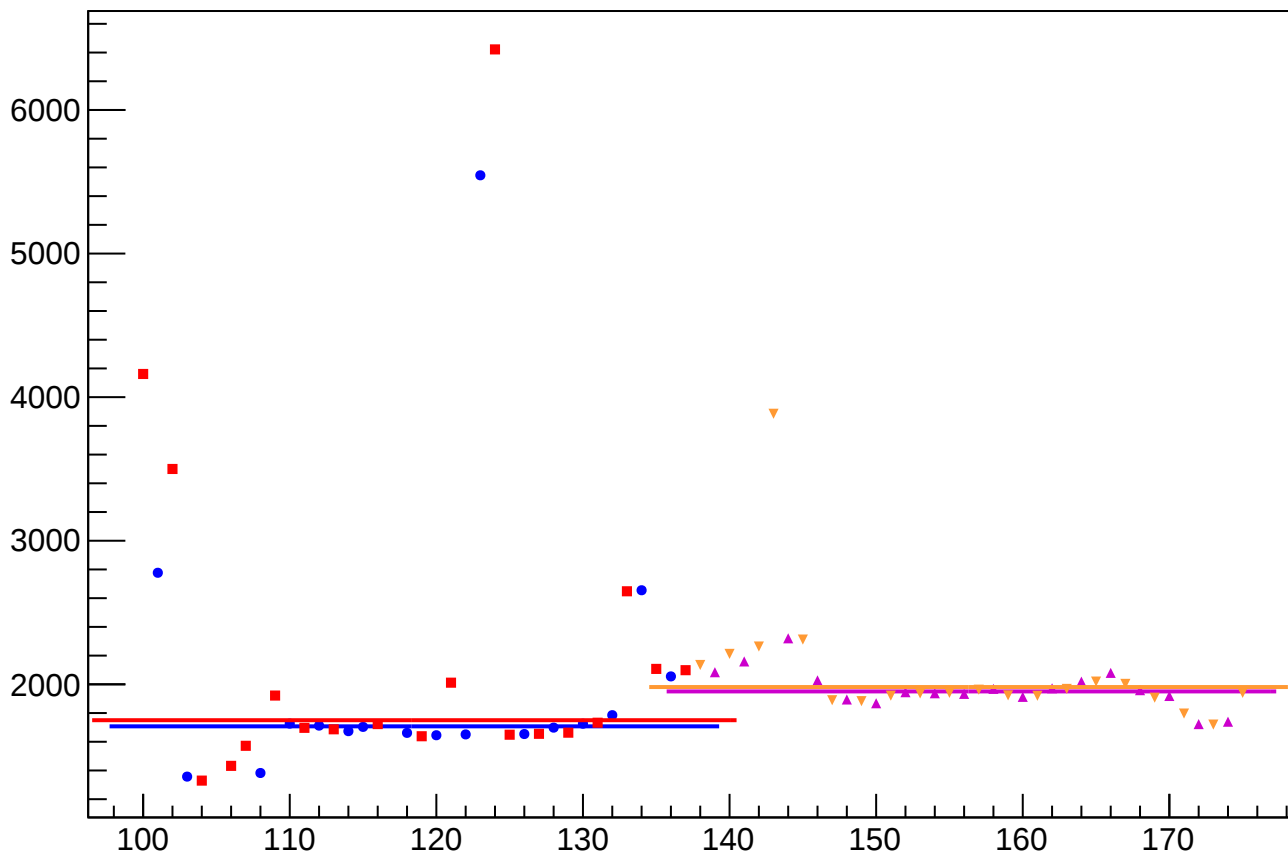
Right: 2582.696 $\pm$ 479.575 χ^2/NDF : 27.3/35

In: 3038.278 $\pm$ 411.459 χ^2/NDF : 14.2/34

Out: 1270.914 $\pm$ 410.153 χ^2/NDF : 62.5/38

All: 2151.788 $\pm$ 290.483 χ^2/NDF : 85.9/73

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 1981.065+/-0.363 χ^2/NDF : 508782.9/19

Right Out: 1750.114+/-0.483 χ^2/NDF : 746498.0/18

Left In: 1950.603+/-0.367 χ^2/NDF : 131508.9/17

Left: 1966.024+/-0.258 χ^2/NDF : 643772.5/37

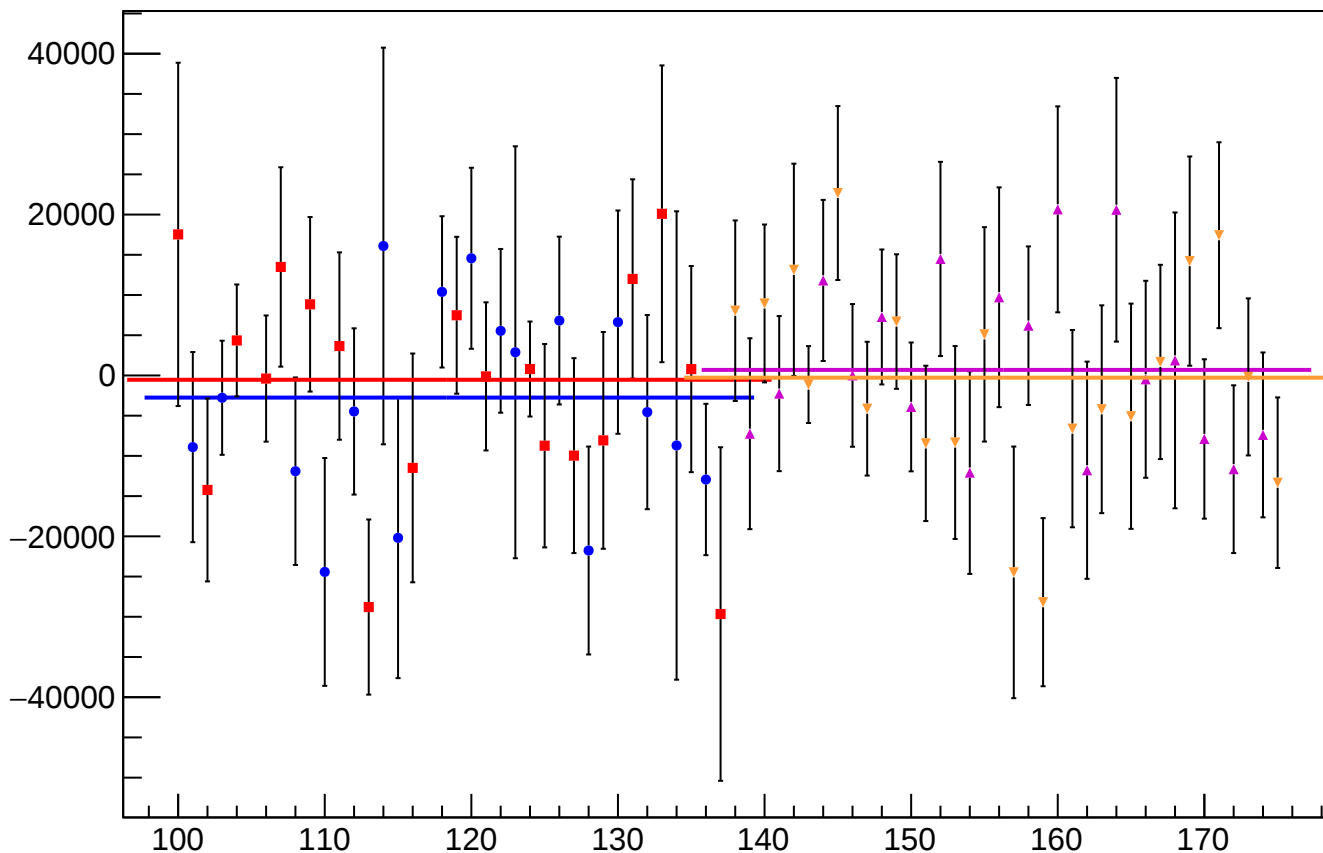
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1859.934+/-0.291 χ^2/NDF : 717071.9/34

Out: 1897.660+/-0.290 χ^2/NDF : 1401614.4/38

All: 1878.859+/-0.205 χ^2/NDF : 2127120.6/73

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 $\pm$ 2842.399 χ^2 /NDF: 14.6/16

Left Out: -275.090 $\pm$ 2241.103 χ^2 /NDF:24.4/19

Right Out: -538.445 $\pm$ 2424.977 χ^2 /NDF: 18.5/18

Left In: 691.413 $\pm$ 2556.508 χ^2 /NDF:13.4/17

Left: 144.895 $\pm$ 1685.243 χ^2 /NDF: 37.8/37

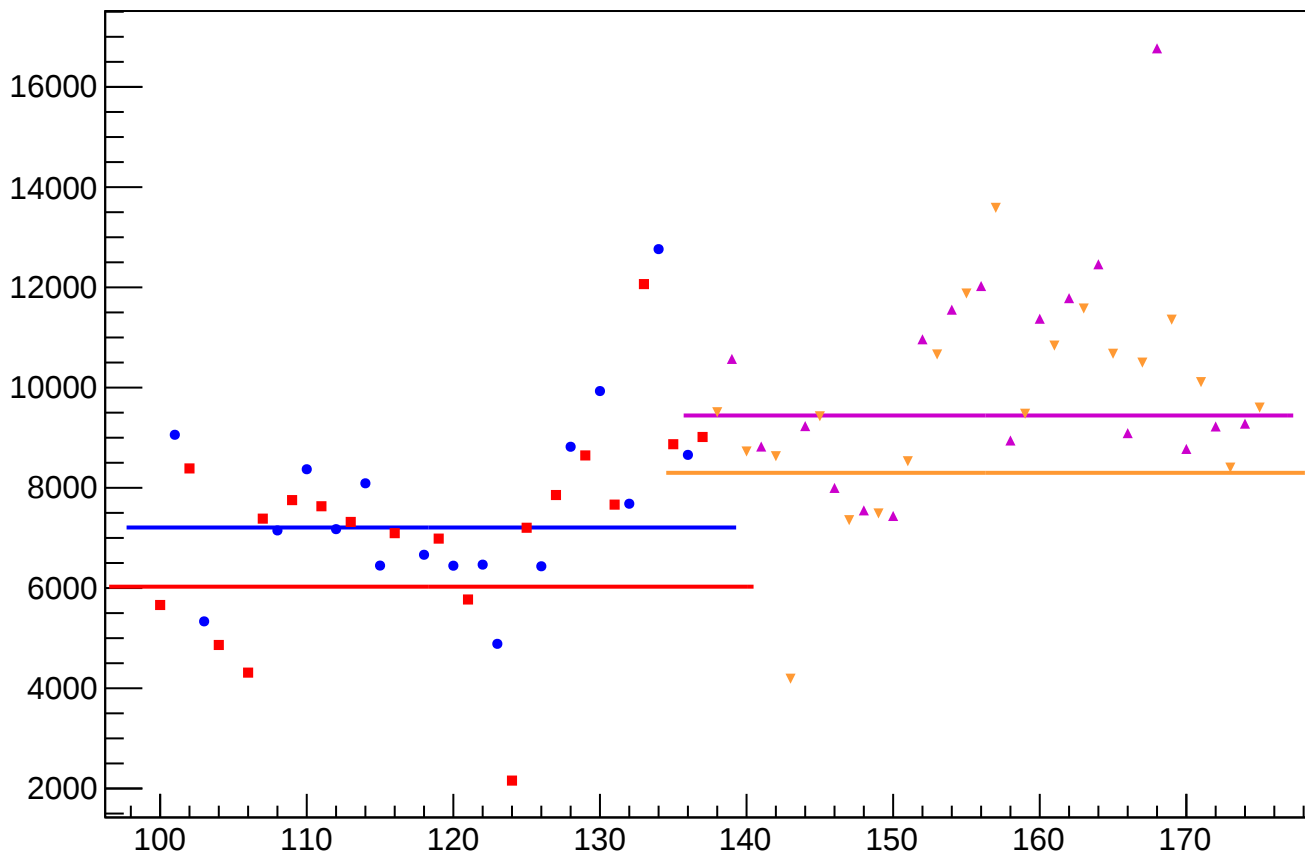
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

In: -847.892 $\pm$ 1900.786 χ^2 /NDF:28.7/34

Out: -396.406 $\pm$ 1645.869 χ^2 /NDF:42.9/38

All: -589.865 $\pm$ 1244.244 χ^2 /NDF: 71.6/73

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346 $\pm$ 2.010 χ^2 /NDF: 493749.9/16

Left Out: 8299.350 $\pm$ 1.585 χ^2 /NDF: 2577350.4/19

Right Out: 6027.409 $\pm$ 1.715 χ^2 /NDF: 1798157.6/18

Left In: 9443.438 $\pm$ 1.808 χ^2 /NDF: 975213.5/17

Left: 8796.503 $\pm$ 1.192 χ^2 /NDF: 3779057.6/37

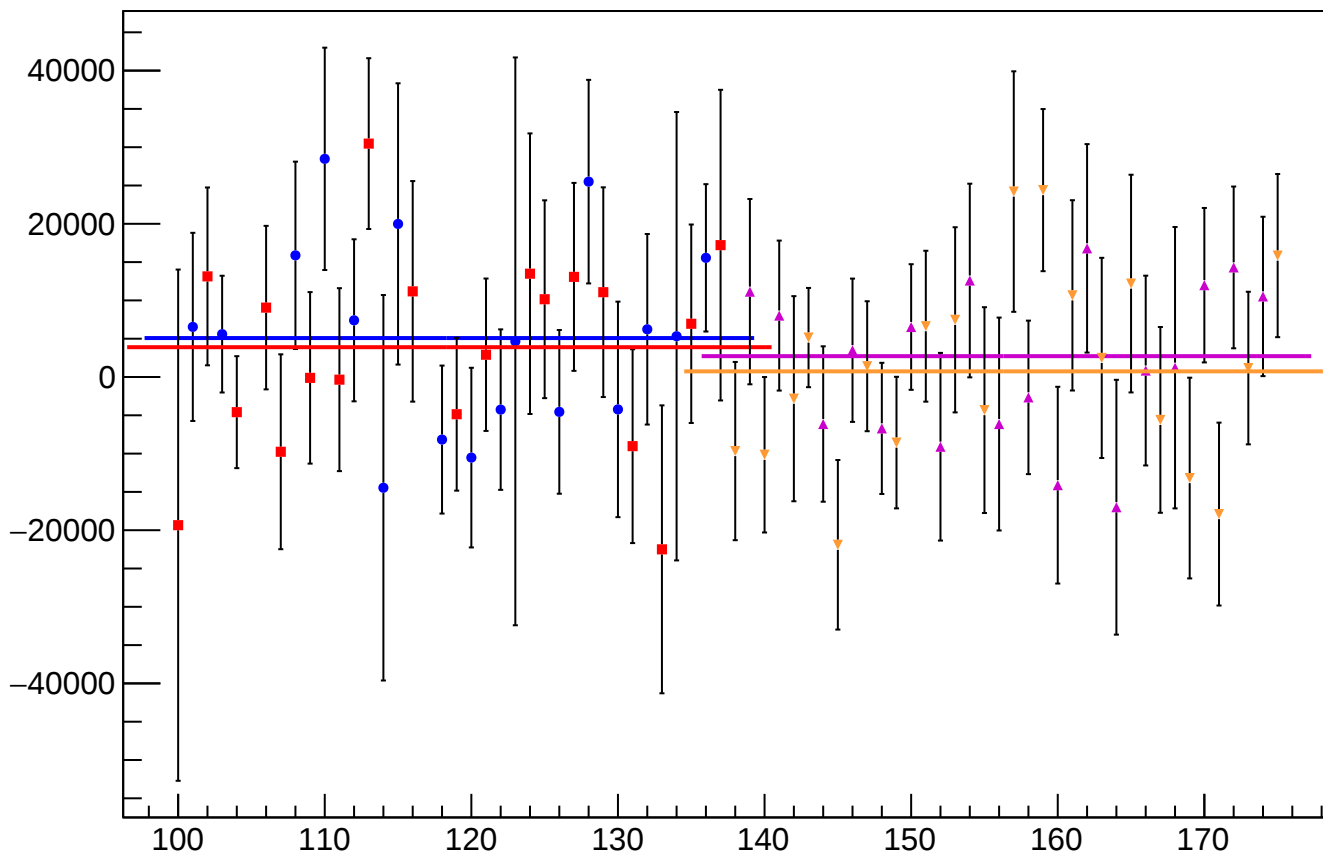
Right: 6524.876 $\pm$ 1.304 χ^2 /NDF: 2491712.1/35

In: 8443.917 $\pm$ 1.344 χ^2 /NDF: 2152596.4/34

Out: 7252.770 $\pm$ 1.164 χ^2 /NDF: 5322345.8/38

All: 7763.170 $\pm$ 0.880 χ^2 /NDF: 7923806.3/73

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628+/-2955.245 χ^2/NDF : 14.0/16

Left Out: 738.168+/-2399.934 χ^2/NDF : 23.1/19

Right Out: 3892.007+/-2790.271 χ^2/NDF : 15.7/18

Left In: 2721.781+/-2602.903 χ^2/NDF : 12.0/17

Left: 1649.630+/-1764.407 χ^2/NDF : 35.4/37

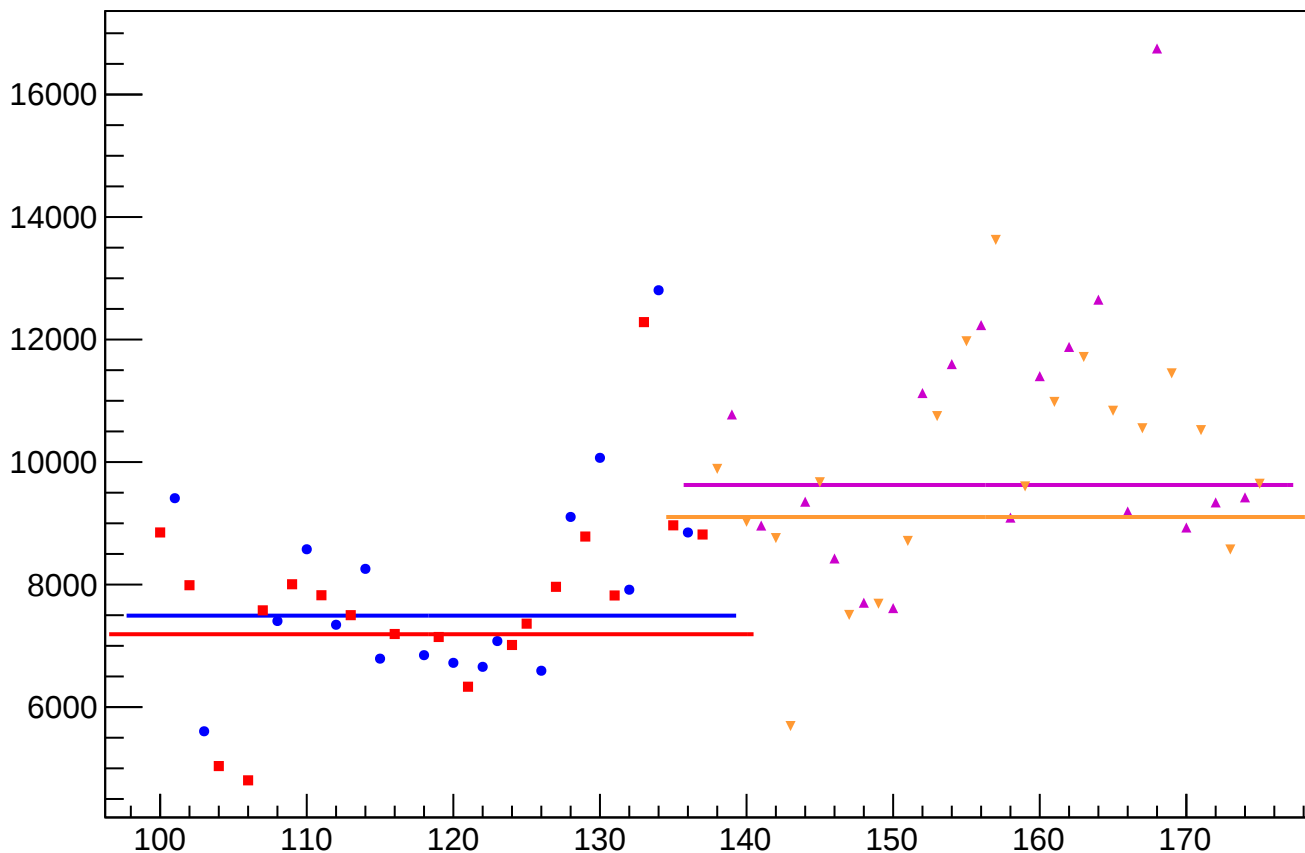
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3754.019+/-1953.285 χ^2/NDF : 26.4/34

Out: 2079.233+/-1819.497 χ^2/NDF : 39.5/38

All: 2857.310+/-1331.366 χ^2/NDF : 66.2/73

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918 $\pm$ 2.090 χ^2 /NDF: 437084.4/16

Left Out: 9102.903 $\pm$ 1.697 χ^2 /NDF:1285167.4/19

Right Out: 7189.504 $\pm$ 1.973 χ^2 /NDF: 560893.8/18

Left In: 9625.852 $\pm$ 1.841 χ^2 /NDF:911980.8/17

Left: 9343.196 $\pm$ 1.248 χ^2 /NDF: 2240782.8/37

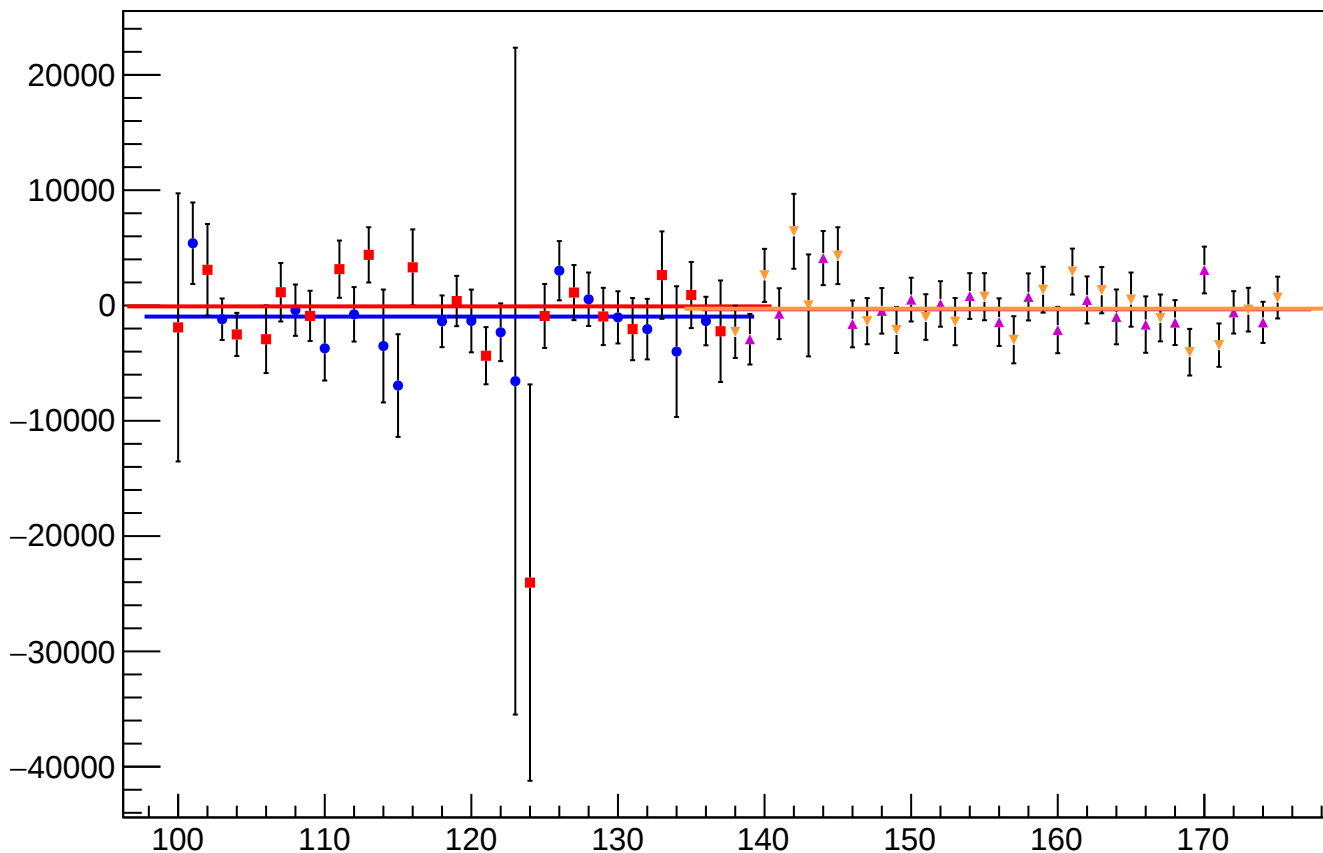
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8694.028 $\pm$ 1.381 χ^2 /NDF:1935777.7/34

Out: 8289.174 $\pm$ 1.287 χ^2 /NDF:2386711.8/38

All: 8477.254 $\pm$ 0.941 χ^2 /NDF: 4368495.4/73

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541+/-643.025 χ^2/NDF : 10.1/16

Left Out: -275.220+/-473.724 χ^2/NDF : 24.5/19

Right Out: -76.747+/-633.483 χ^2/NDF : 16.7/18

Left In: -330.375+/-482.008 χ^2/NDF : 11.5/17

Left: -302.320+/-337.864 χ^2/NDF : 36.0/37

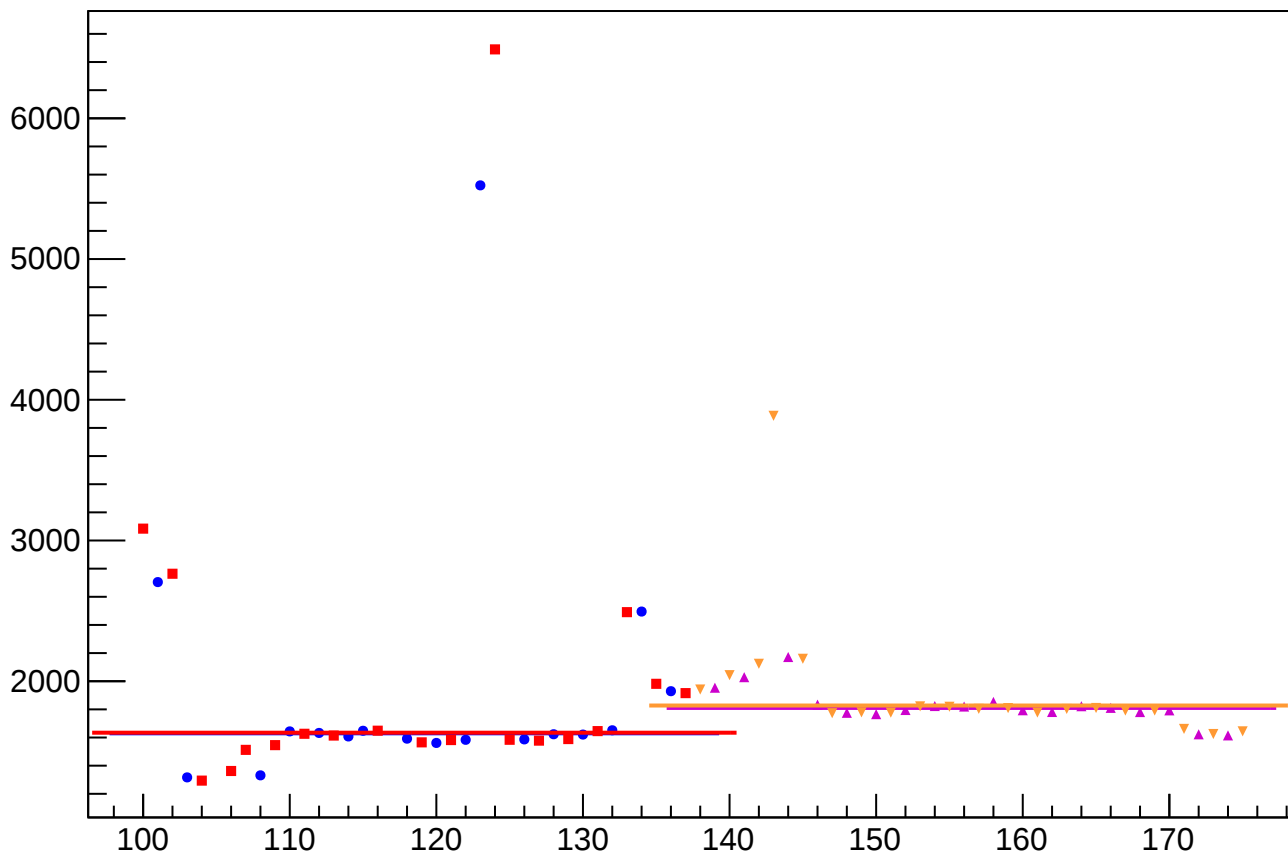
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -557.797+/-385.681 χ^2/NDF : 22.2/34

Out: -204.037+/-379.378 χ^2/NDF : 41.3/38

All: -378.003+/-270.462 χ^2/NDF : 63.9/73

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 $\pm$ 0.455 χ^2 /NDF: 408151.7/16

Left Out: 1827.415 $\pm$ 0.335 χ^2 /NDF: 575325.4/19

Right Out: 1634.258 $\pm$ 0.448 χ^2 /NDF: 588649.4/18

Left In: 1810.289 $\pm$ 0.341 χ^2 /NDF: 124811.1/17

Left: 1819.000 $\pm$ 0.239 χ^2 /NDF: 701420.8/37

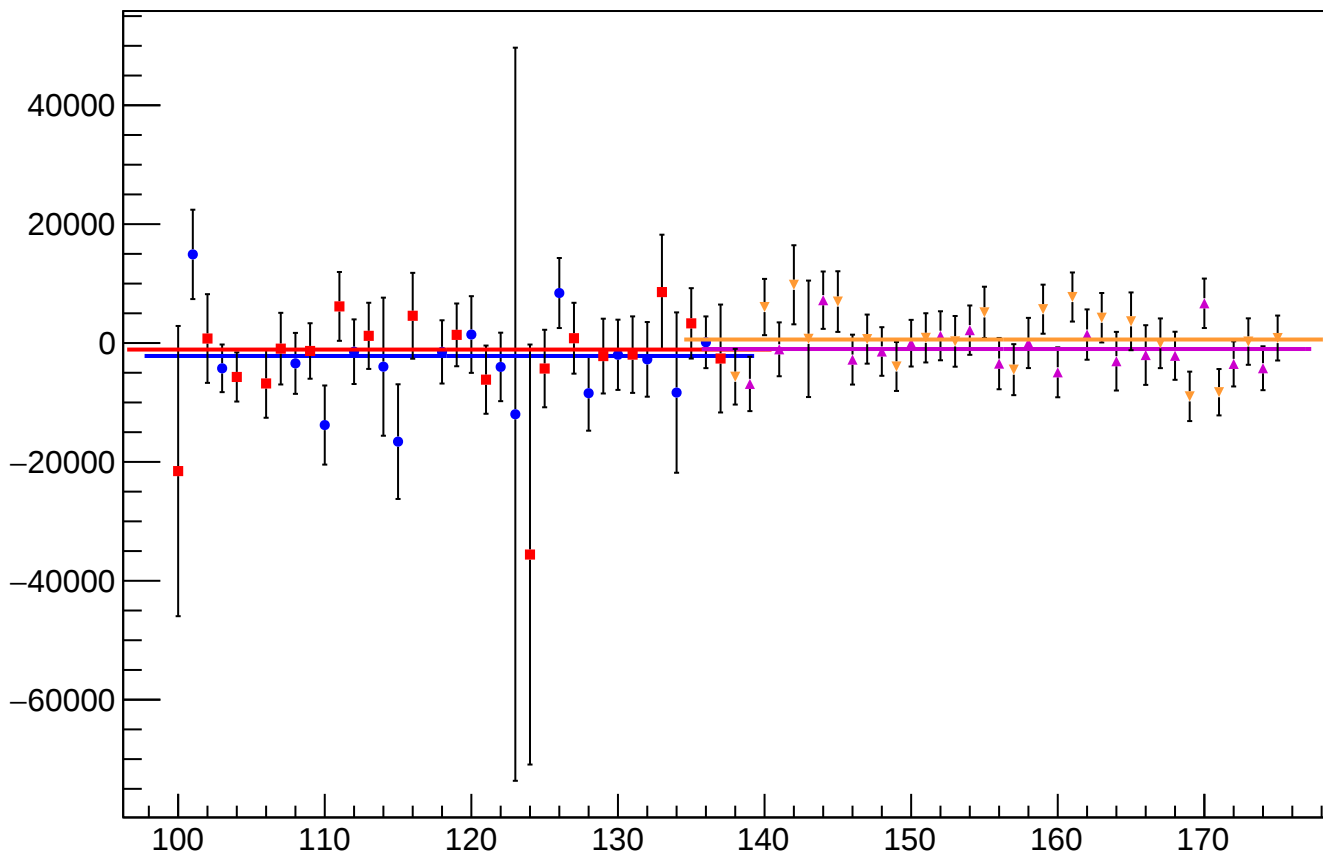
Right: 1632.138 $\pm$ 0.319 χ^2 /NDF: 996846.6/35

In: 1745.413 $\pm$ 0.273 χ^2 /NDF: 633675.2/34

Out: 1758.138 $\pm$ 0.268 χ^2 /NDF: 1283229.4/38

All: 1751.880 $\pm$ 0.191 χ^2 /NDF: 1918011.2/73

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244+/-1493.026 χ^2/NDF : 16.0/16

Left Out: 592.086+/-983.220 χ^2/NDF : 26.5/19

Right Out: -1098.345+/-1439.820 χ^2/NDF : 9.3/18

Left In: -1006.309+/-998.697 χ^2/NDF : 12.2/17

Left: -194.630+/-700.649 χ^2/NDF : 40.0/37

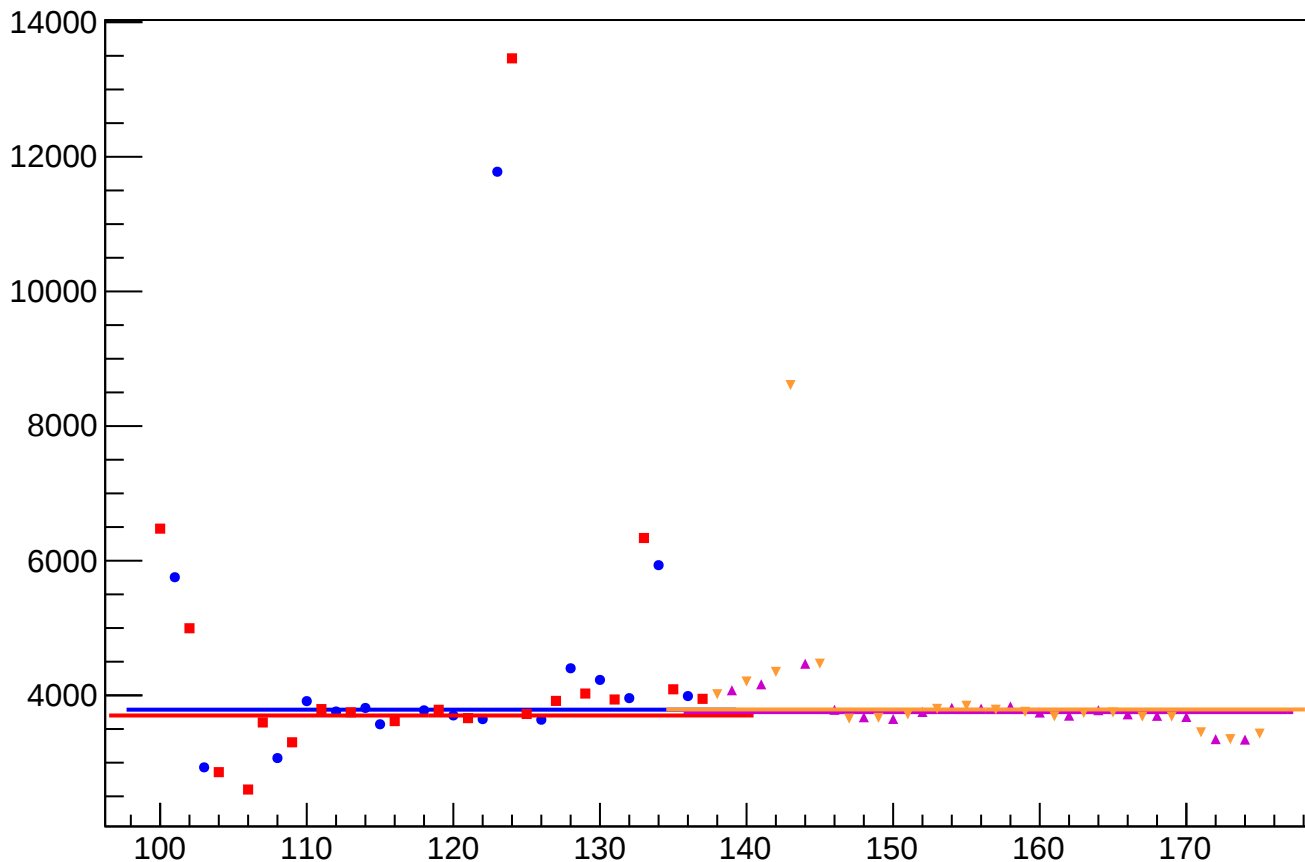
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1368.891+/-830.106 χ^2/NDF : 28.6/34

Out: 54.493+/-811.963 χ^2/NDF : 36.7/38

All: -641.474+/-580.453 χ^2/NDF : 66.8/73

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301+/-1.056 χ^2/NDF : 392650.8/16

Left Out: 3790.244+/-0.695 χ^2/NDF : 621600.5/19

Right Out: 3700.932+/-1.018 χ^2/NDF : 581094.9/18

Left In: 3751.076+/-0.706 χ^2/NDF : 123071.6/17

Left: 3770.966+/-0.495 χ^2/NDF : 746234.2/37

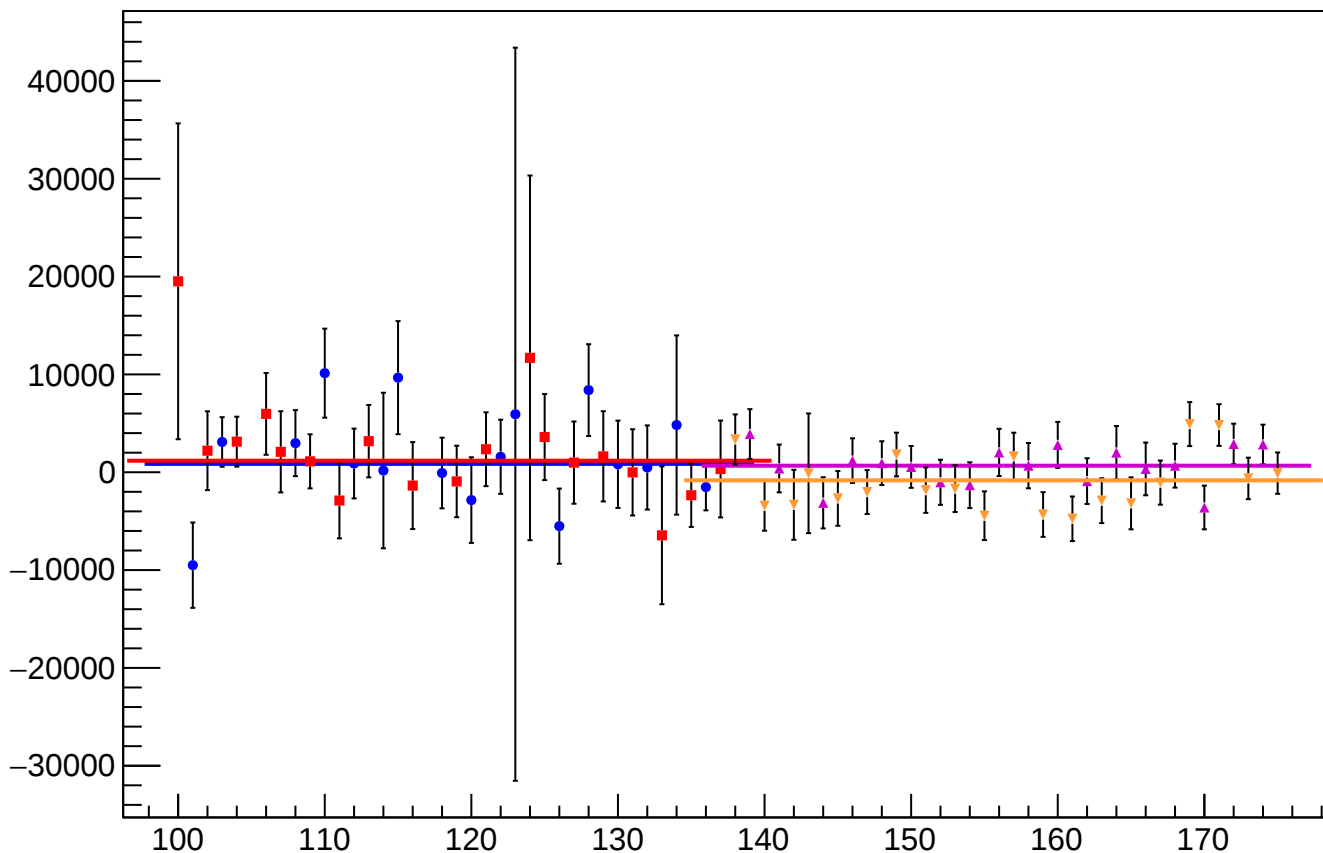
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3762.274+/-0.587 χ^2/NDF : 516535.8/34

Out: 3761.840+/-0.574 χ^2/NDF : 1207943.6/38

All: 3762.052+/-0.410 χ^2/NDF : 1724479.7/73

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 ± 964.743 χ^2/NDF : 20.7/16

Left Out: -825.009 ± 541.741 χ^2/NDF : 30.4/19

Right Out: 1178.044 ± 925.669 χ^2/NDF : 8.6/18

Left In: 669.484 ± 548.648 χ^2/NDF : 12.9/17

Left: -87.229 ± 385.488 χ^2/NDF : 47.0/37

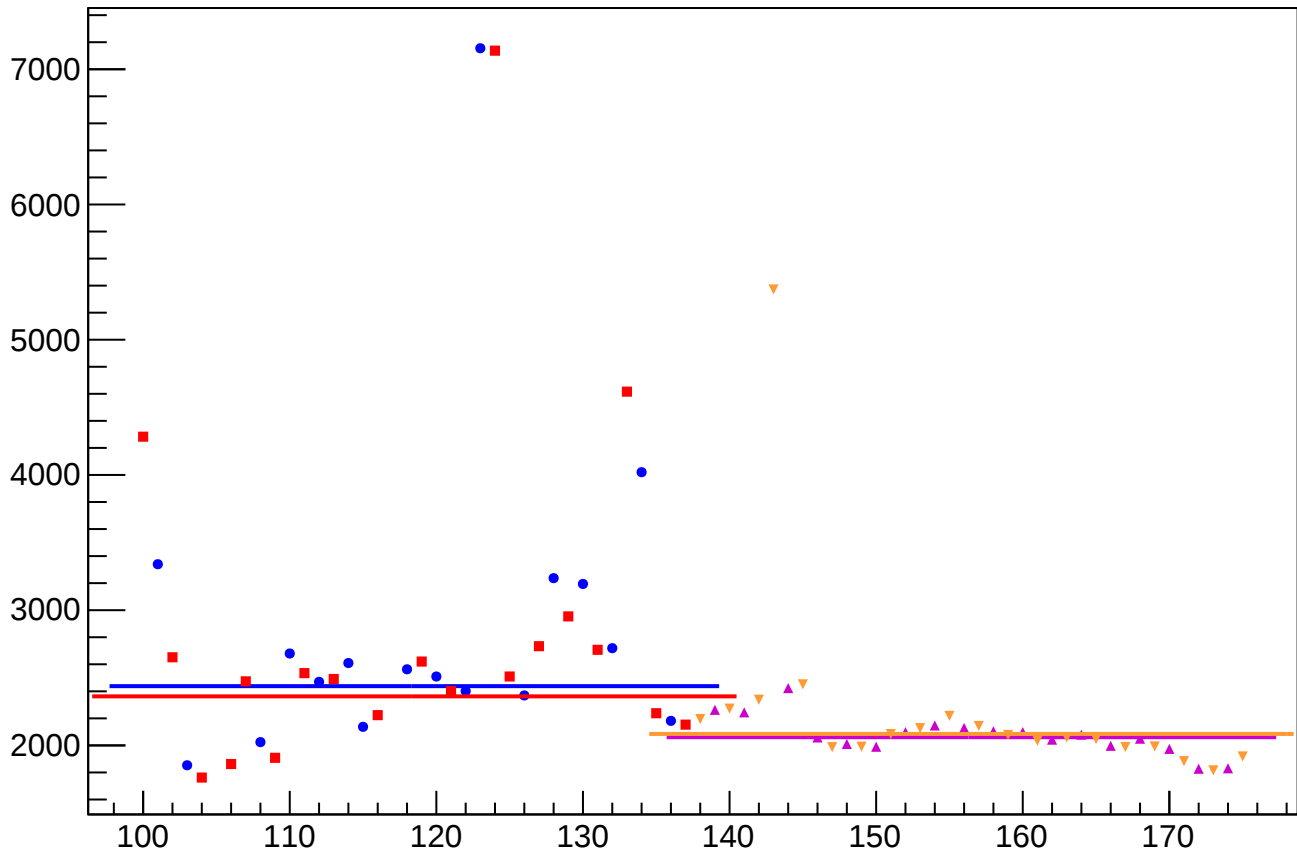
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 715.110 ± 476.920 χ^2/NDF : 33.6/34

Out: -313.978 ± 467.556 χ^2/NDF : 42.4/38

All: 190.364 ± 333.873 χ^2/NDF : 78.4/73

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 ± 0.682 $\chi^2/\text{NDF}: 476723.4/16$

Left Out: 2084.931 ± 0.383 $\chi^2/\text{NDF}: 722737.2/19$

Right Out: 2362.739 ± 0.655 $\chi^2/\text{NDF}: 657525.3/18$

Left In: 2060.589 ± 0.388 $\chi^2/\text{NDF}: 127493.0/17$

Left: 2072.914 ± 0.273 $\chi^2/\text{NDF}: 852223.5/37$

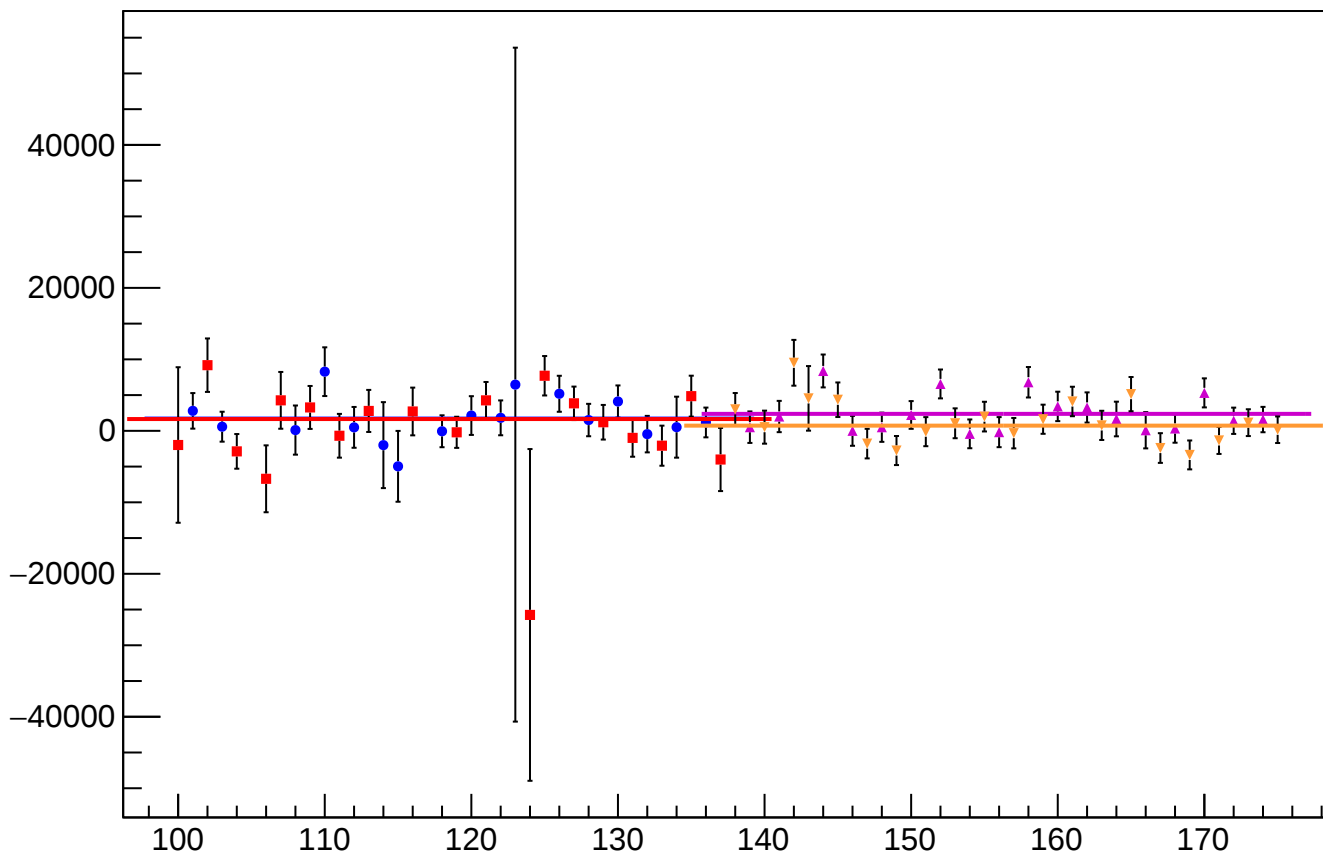
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2152.889 ± 0.337 $\chi^2/\text{NDF}: 835834.6/34$

Out: 2155.807 ± 0.331 $\chi^2/\text{NDF}: 1514444.8/38$

All: 2154.377 ± 0.236 $\chi^2/\text{NDF}: 2350317.6/73$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566 $\pm$ 667.149 χ^2 /NDF: 11.4/16

Left Out: 728.225 $\pm$ 481.310 χ^2 /NDF:30.7/19

Right Out: 1650.522 $\pm$ 694.283 χ^2 /NDF: 27.0/18

Left In: 2374.743 $\pm$ 489.750 χ^2 /NDF:26.6/17

Left: 1537.176 $\pm$ 343.283 χ^2 /NDF: 63.1/37

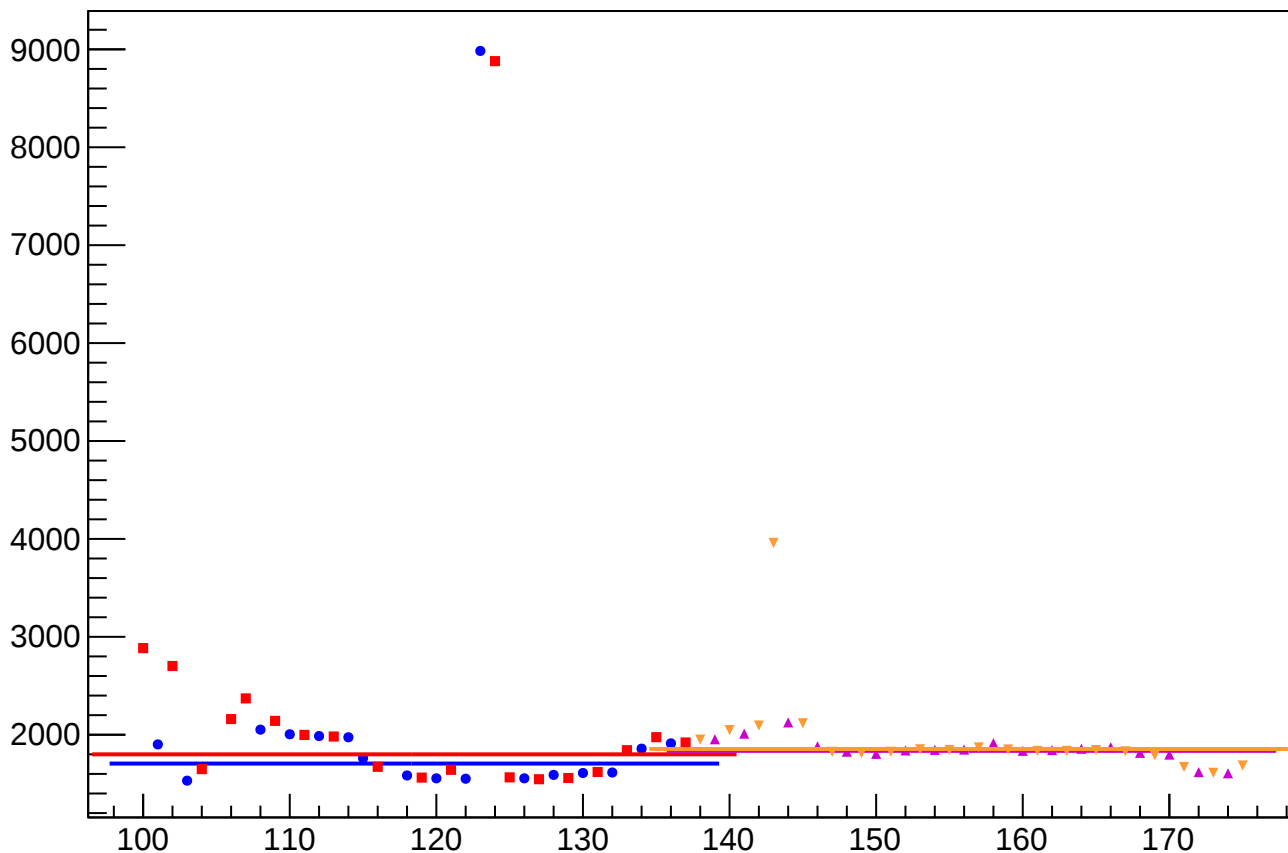
Right: 1682.780 $\pm$ 481.052 χ^2 /NDF: 38.3/35

In: 2142.861 $\pm$ 394.794 χ^2 /NDF:38.7/34

Out: 1027.598 $\pm$ 395.555 χ^2 /NDF:58.9/38

All: 1586.305 $\pm$ 279.430 χ^2 /NDF: 101.5/73

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 $\pm$ 0.472 χ^2 /NDF: 194174.2/16

Left Out: 1854.685 $\pm$ 0.340 χ^2 /NDF: 559712.3/19

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

Left In: 1835.578 $\pm$ 0.346 χ^2 /NDF: 117659.4/17

Left: 1845.298 $\pm$ 0.243 χ^2 /NDF: 678920.2/37

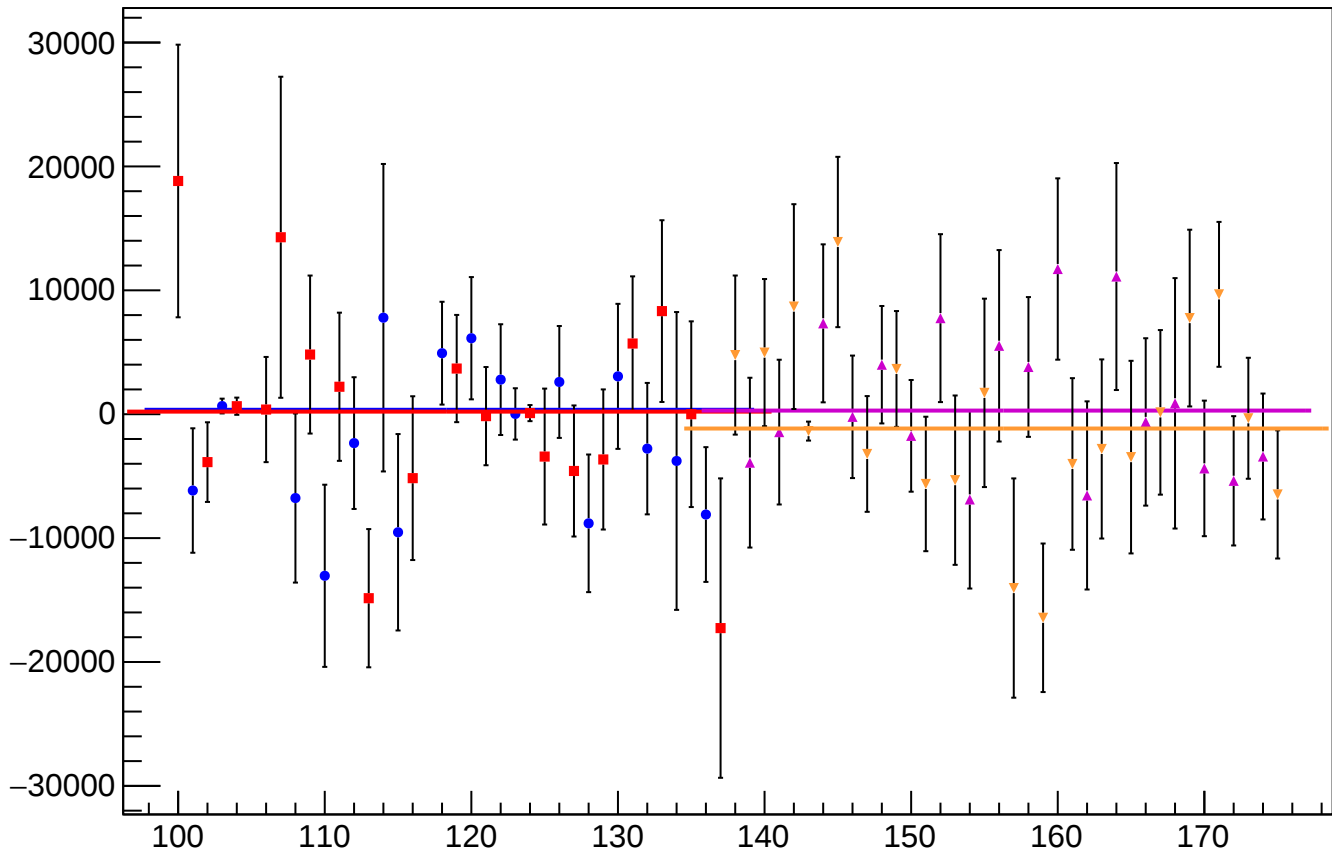
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1790.070 $\pm$ 0.279 χ^2 /NDF: 361145.9/34

Out: 1836.879 $\pm$ 0.280 χ^2 /NDF: 1106899.7/38

All: 1813.446 $\pm$ 0.198 χ^2 /NDF: 1482086.4/73

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 $\pm$ 533.209 χ^2 /NDF: 17.5/16

Left Out: -1155.213 $\pm$ 673.525 χ^2 /NDF:25.7/19

Right Out: 209.907 $\pm$ 446.627 χ^2 /NDF: 21.4/18

Left In: 293.084 $\pm$ 1432.075 χ^2 /NDF:12.7/17

Left: -892.883 $\pm$ 609.482 χ^2 /NDF: 39.2/37

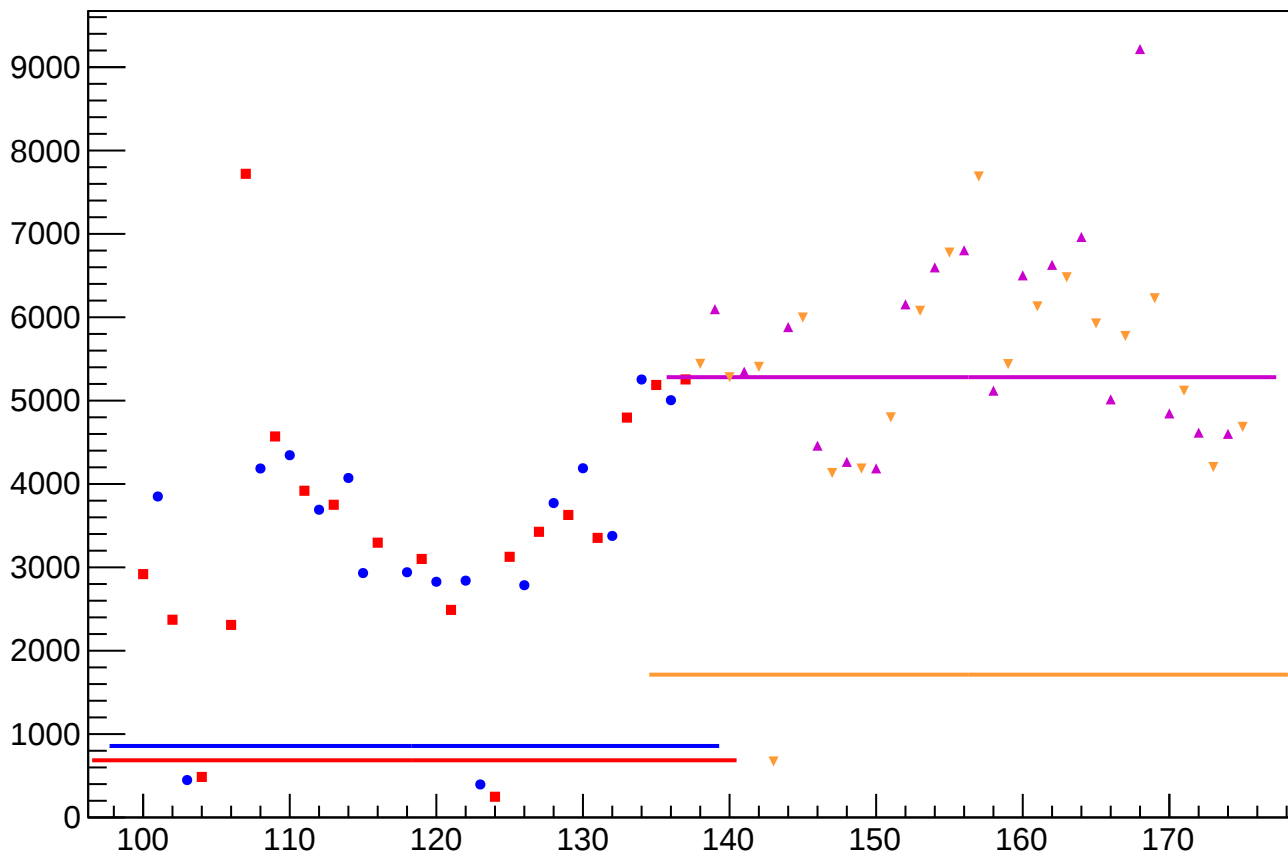
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 349.240 $\pm$ 499.696 χ^2 /NDF:30.2/34

Out: -207.033 $\pm$ 372.224 χ^2 /NDF:49.9/38

All: -8.520 $\pm$ 298.508 χ^2 /NDF: 80.9/73

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472 $\pm$ 0.377 χ^2/NDF : 8175260.6/16

Left Out: 1712.946 $\pm$ 0.476 χ^2/NDF : 17078945.6/19

Right Out: 685.800 $\pm$ 0.316 χ^2/NDF : 9461114.1/18

Left In: 5281.278 $\pm$ 1.013 χ^2/NDF : 1064404.3/17

Left: 2359.278 $\pm$ 0.431 χ^2/NDF : 28311545.4/37

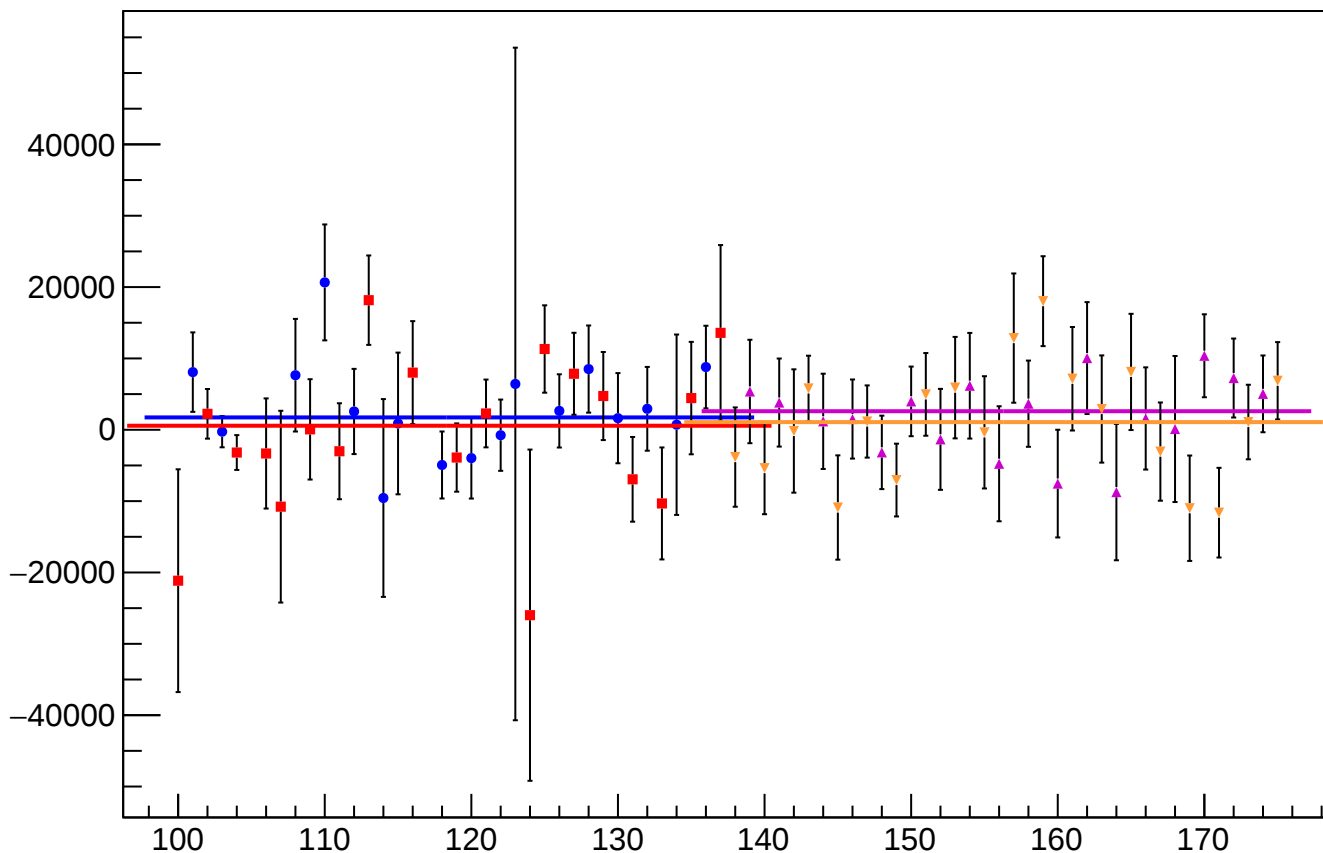
Right: 756.584 $\pm$ 0.242 χ^2/NDF : 17758209.4/35

In: 1396.084 $\pm$ 0.353 χ^2/NDF : 26000945.8/34

Out: 999.515 $\pm$ 0.263 χ^2/NDF : 29770838.8/38

All: 1141.035 $\pm$ 0.211 χ^2/NDF : 56581923.4/7

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1733.273+/-1304.606 χ^2/NDF : 14.9/16

Left Out: 1074.982+/-1425.393 χ^2/NDF : 27.4/19

Right Out: 567.083+/-1286.310 χ^2/NDF : 27.1/18

Left In: 2601.646+/-1522.057 χ^2/NDF : 9.9/17

Left: 1788.300+/-1040.401 χ^2/NDF : 37.9/37

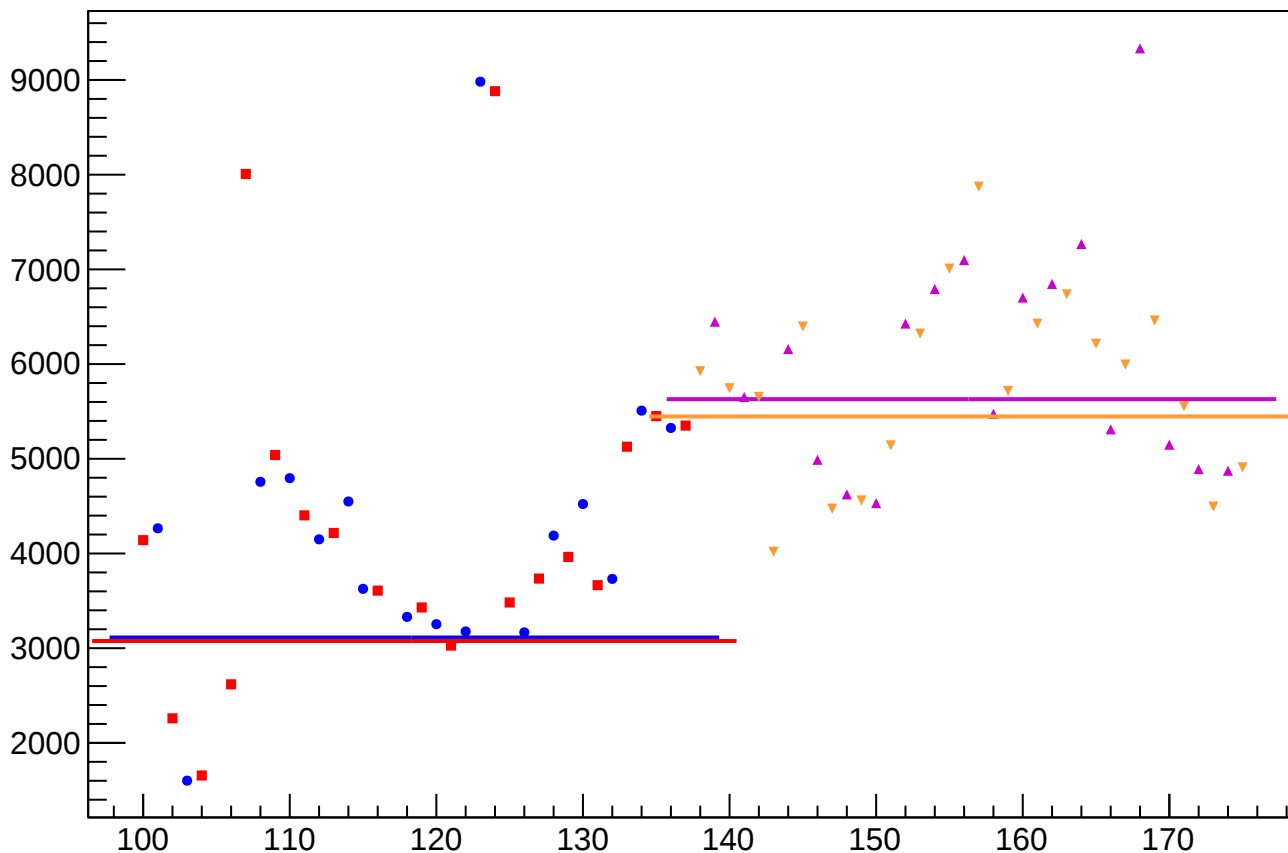
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 2101.050+/-990.535 χ^2/NDF : 25.0/34

Out: 795.051+/-954.955 χ^2/NDF : 54.6/38

All: 1424.173+/-687.489 χ^2/NDF : 80.5/73

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686 $\pm$ 0.922 χ^2 /NDF: 1884511.8/16

Left Out: 5446.838 $\pm$ 1.008 χ^2 /NDF: 889150.7/19

Right Out: 3075.702 $\pm$ 0.896 χ^2 /NDF: 2011000.5/18

Left In: 5629.596 $\pm$ 1.076 χ^2 /NDF: 887041.3/17

Left: 5532.230 $\pm$ 0.736 χ^2 /NDF: 1791554.3/37

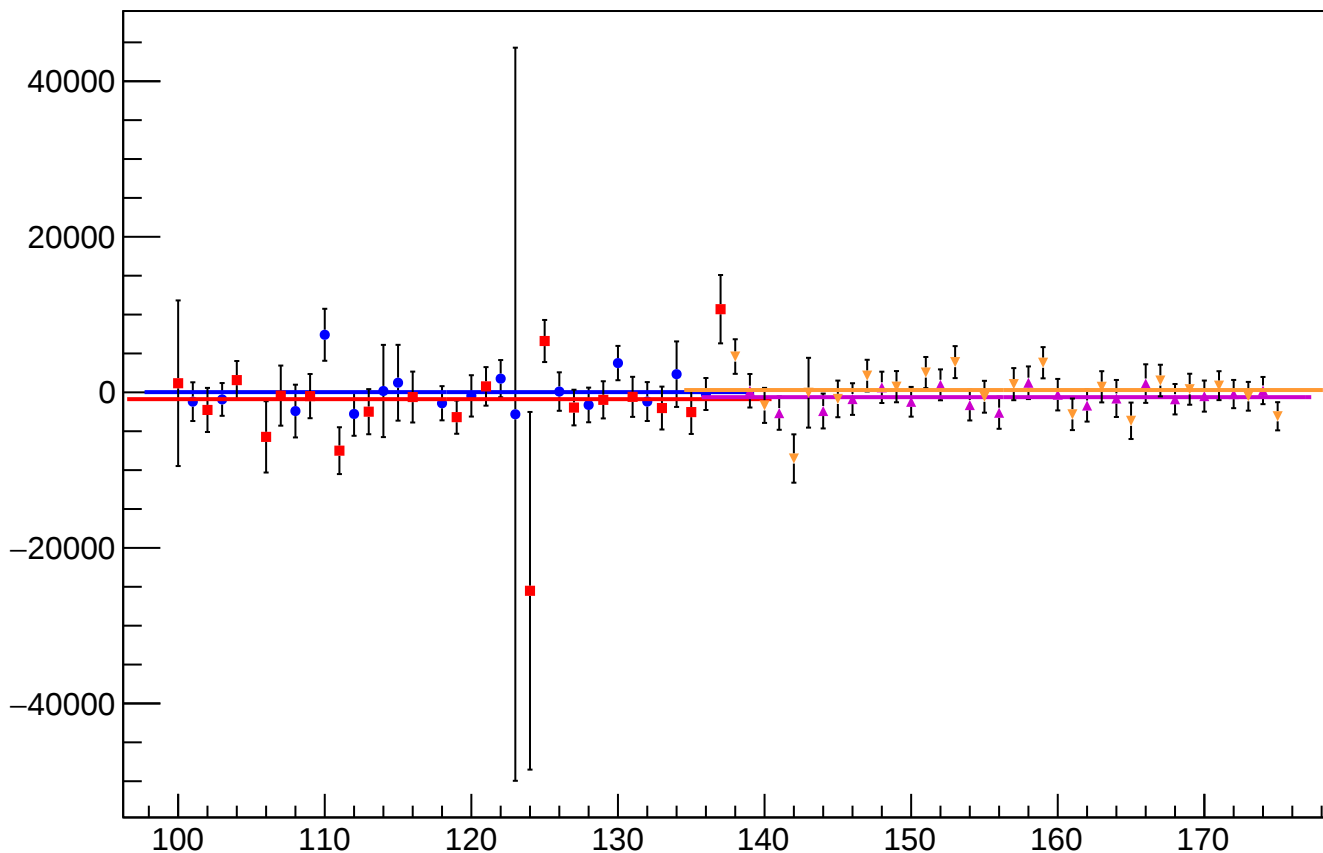
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4178.653 $\pm$ 0.700 χ^2 /NDF: 5924281.9/34

Out: 4122.890 $\pm$ 0.670 χ^2 /NDF: 5990362.2/38

All: 4149.526 $\pm$ 0.484 χ^2 /NDF: 11917954.8/77

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 χ^2/NDF : 11.8/16

Left Out: 296.900 ± 472.204 χ^2/NDF : 30.7/19

Right Out: -874.470 ± 673.273 χ^2/NDF : 25.7/18

Left In: -617.822 ± 480.961 χ^2/NDF : 5.9/17

Left: -152.058 ± 336.952 χ^2/NDF : 38.5/37

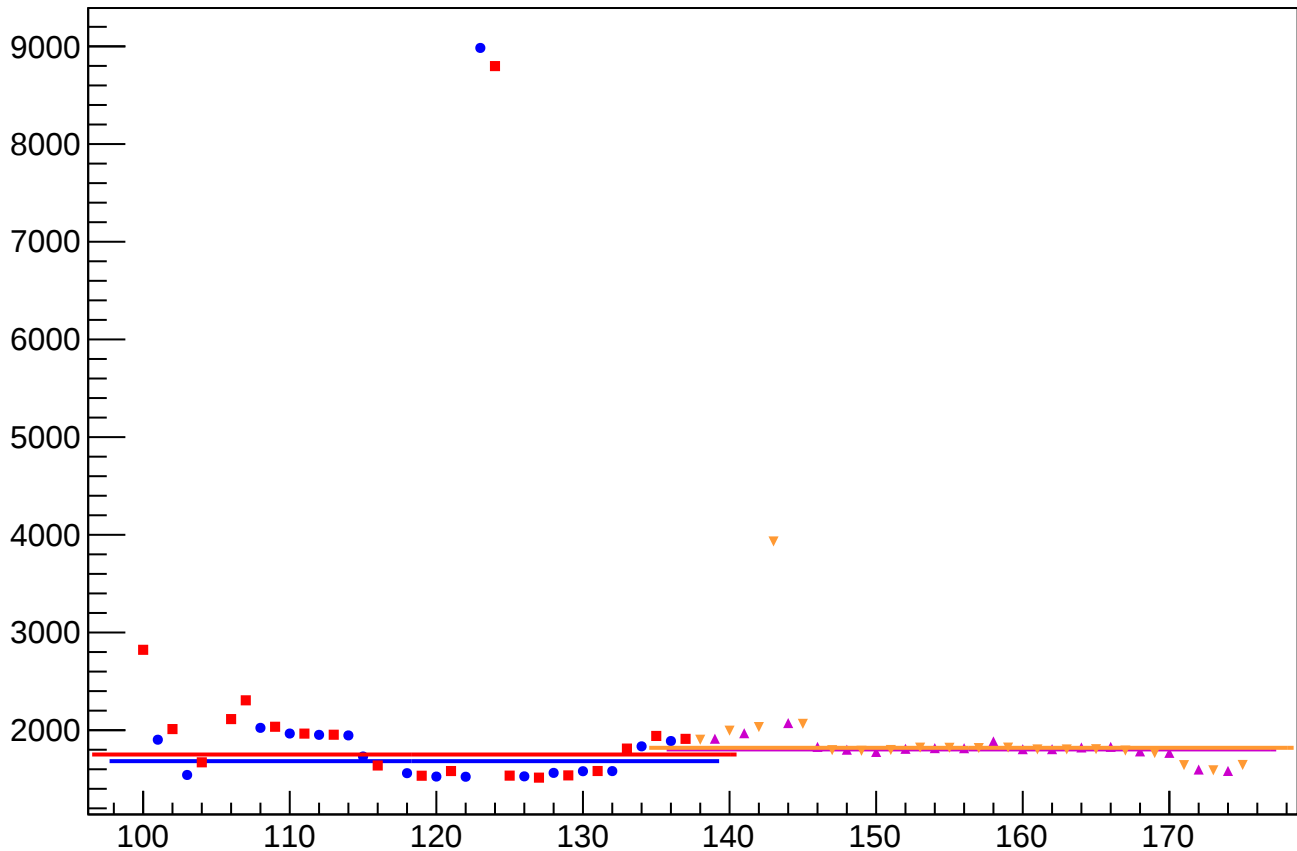
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -392.725 ± 388.374 χ^2/NDF : 18.4/34

Out: -89.317 ± 386.598 χ^2/NDF : 58.4/38

All: -240.325 ± 273.992 χ^2/NDF : 77.1/73

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124+/-0.466 χ^2/NDF : 195857.2/16

Left Out: 1819.682+/-0.334 χ^2/NDF : 560427.0/19

Right Out: 1751.086+/-0.475 χ^2/NDF : 427069.6/18

Left In: 1803.008+/-0.340 χ^2/NDF : 108785.9/17

Left: 1811.498+/-0.238 χ^2/NDF : 670436.9/37

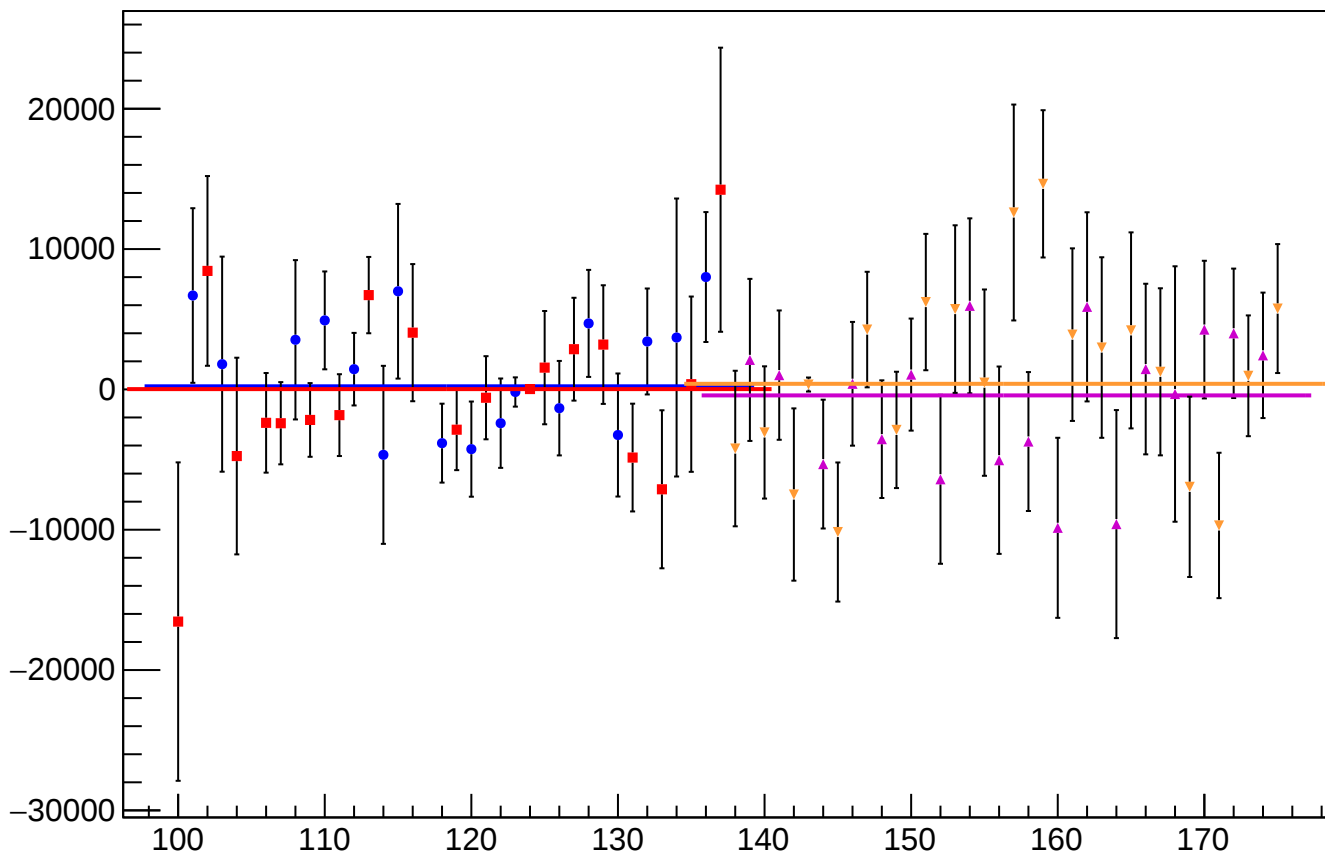
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1761.294+/-0.275 χ^2/NDF : 347879.5/34

Out: 1796.998+/-0.273 χ^2/NDF : 1001453.7/38

All: 1779.241+/-0.194 χ^2/NDF : 1357829.5/73

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808+/-720.915 χ^2/NDF : 15.8/16

Left Out: 397.886+/-462.154 χ^2/NDF : 28.4/19

Right Out: 20.268+/-114.130 χ^2/NDF : 20.7/18

Left In: -428.016+/-1239.046 χ^2/NDF : 11.8/17

Left: 297.017+/-433.013 χ^2/NDF : 40.5/37

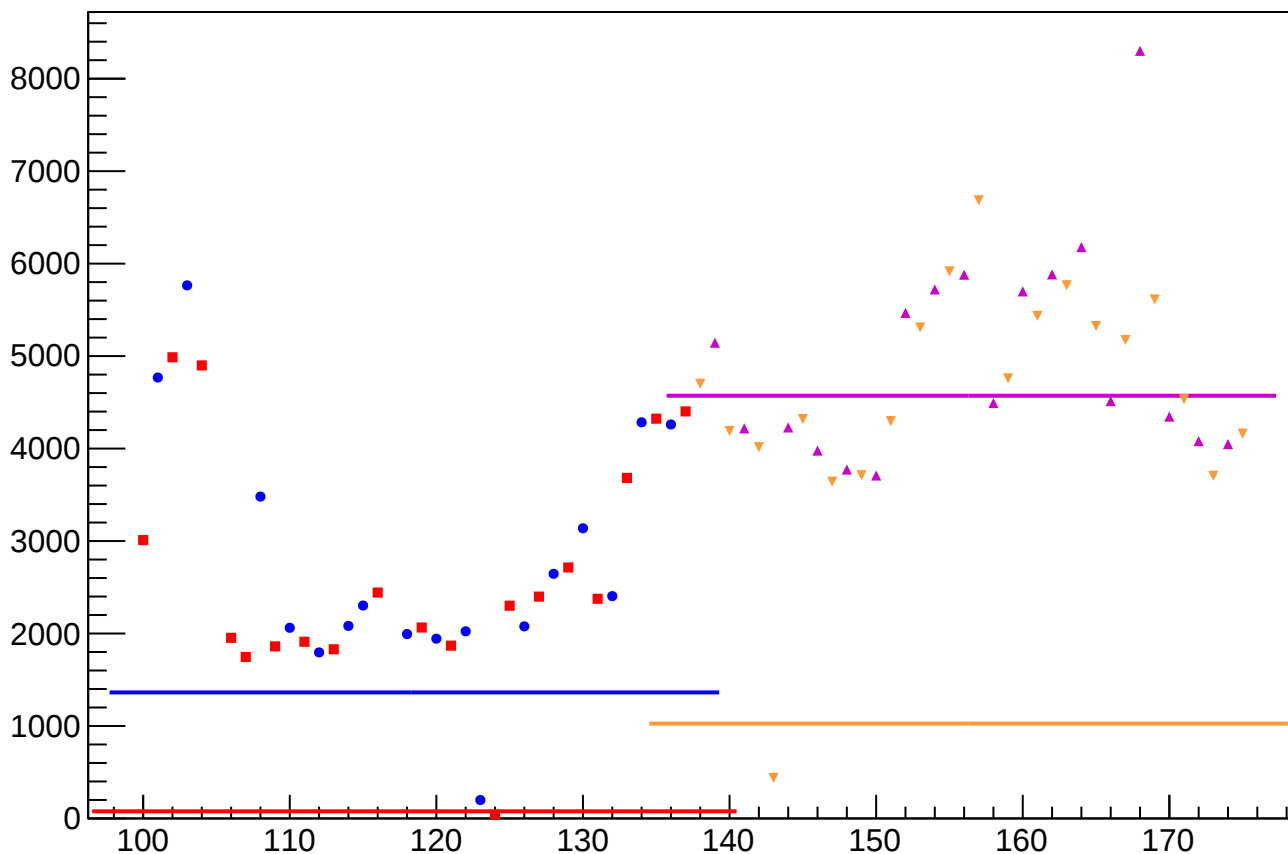
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: 55.967+/-623.118 χ^2/NDF : 27.8/34

Out: 41.973+/-110.801 χ^2/NDF : 49.7/38

All: 42.402+/-109.090 χ^2/NDF : 77.5/73

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 $\pm$ 0.510 χ^2 /NDF: 6235846.3/16

Left Out: 1025.807 $\pm$ 0.327 χ^2 /NDF: 20159757.5/19

Right Out: 77.129 $\pm$ 0.081 χ^2 /NDF: 13248048.9/18

Left In: 4571.597 $\pm$ 0.876 χ^2 /NDF: 1040608.9/17

Left: 1458.859 $\pm$ 0.306 χ^2 /NDF: 35578780.7/37

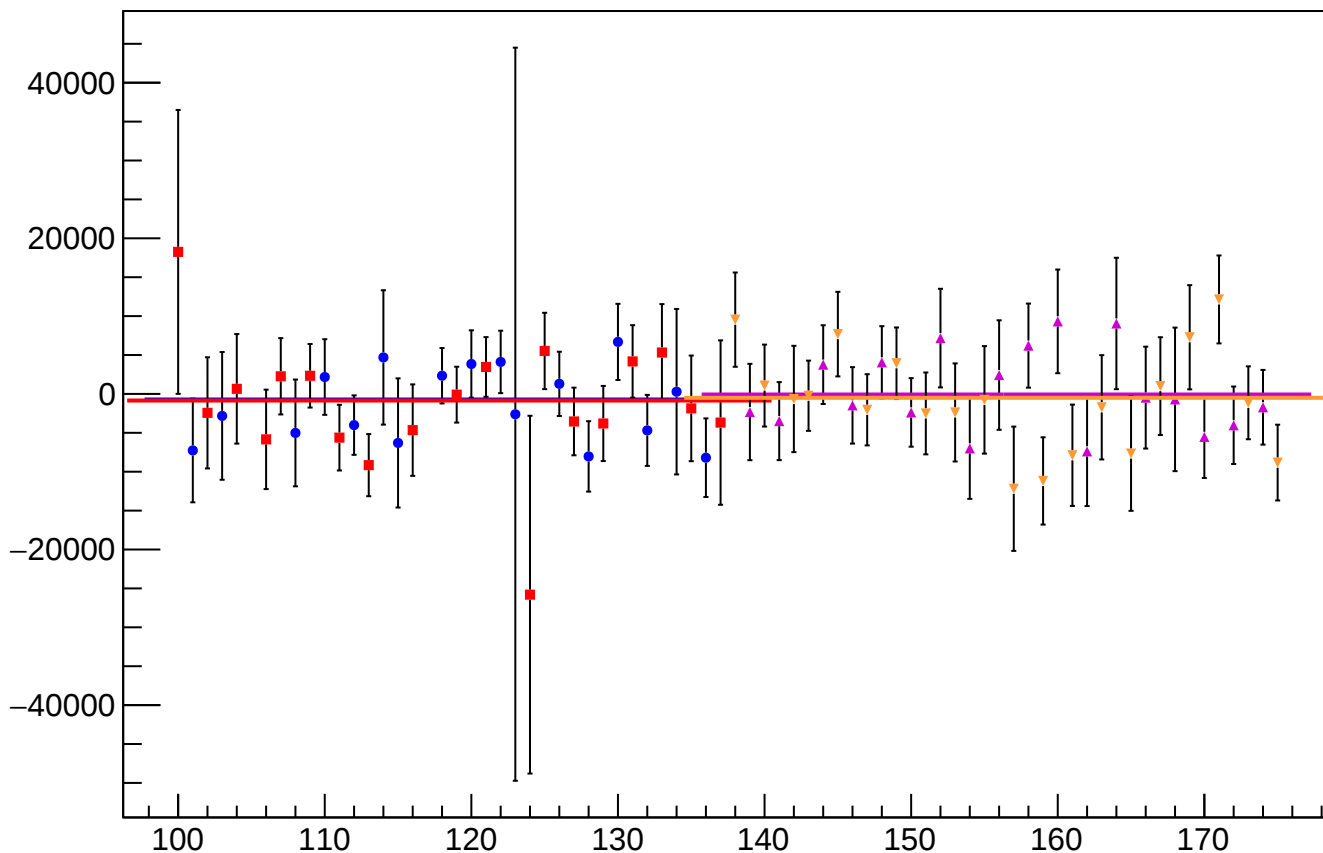
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2174.369 $\pm$ 0.441 χ^2 /NDF: 17297229.8/34

Out: 131.658 $\pm$ 0.078 χ^2 /NDF: 41350825.5/38

All: 194.267 $\pm$ 0.077 χ^2 /NDF: 79482564.2/73

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16

Left Out: -502.579+/-1266.591 χ^2/NDF : 23.8/19

Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18

Left In: -76.160+/-1338.031 χ^2/NDF : 12.3/17

Left: -301.057+/-919.834 χ^2/NDF : 36.1/37

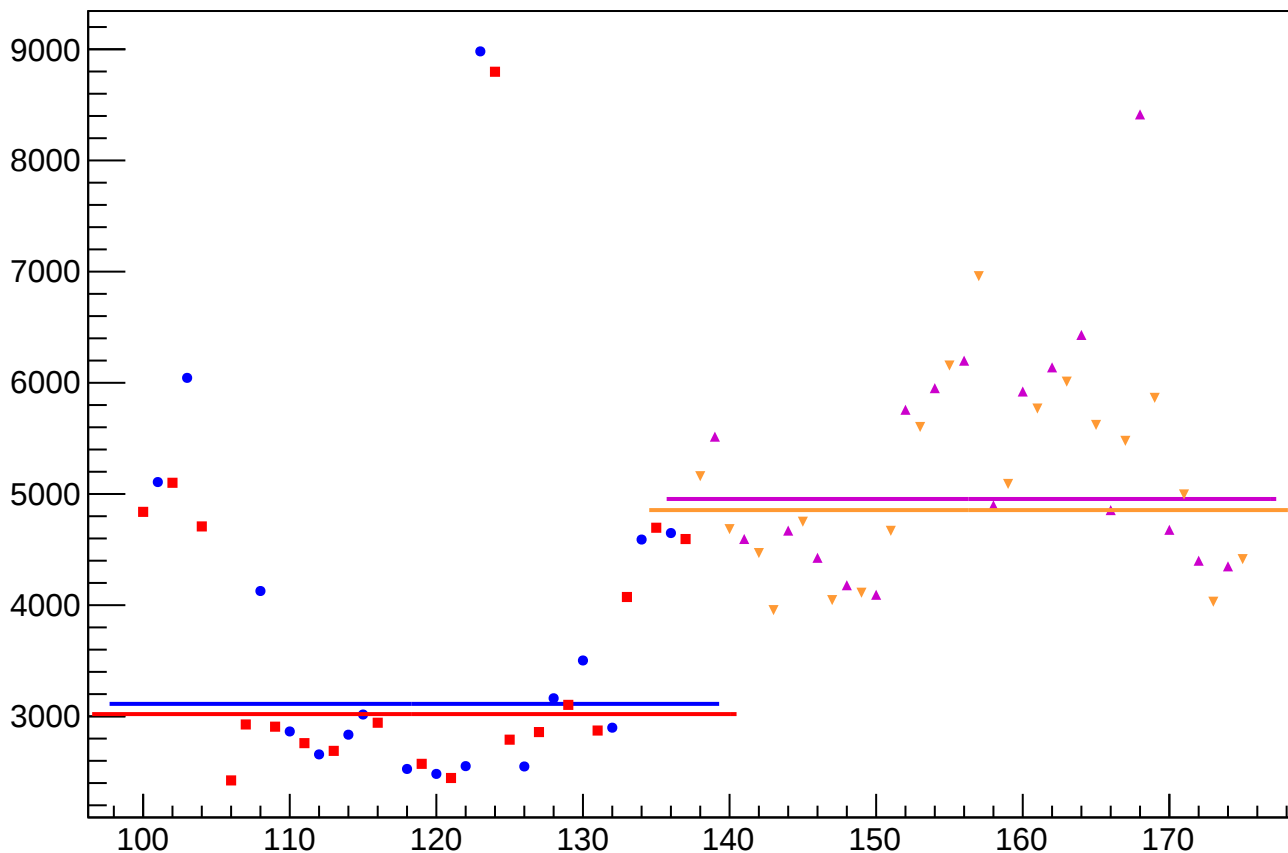
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -420.100+/-914.402 χ^2/NDF : 27.2/34

Out: -686.751+/-868.008 χ^2/NDF : 39.8/38

All: -560.362+/-629.537 χ^2/NDF : 67.1/73

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232+/-0.886 χ^2/NDF : 958497.7/16

Left Out: 4855.200+/-0.896 χ^2/NDF : 717420.6/19

Right Out: 3020.363+/-0.832 χ^2/NDF : 794218.3/18

Left In: 4955.115+/-0.946 χ^2/NDF : 834037.1/17

Left: 4902.419+/-0.650 χ^2/NDF : 1557339.5/37

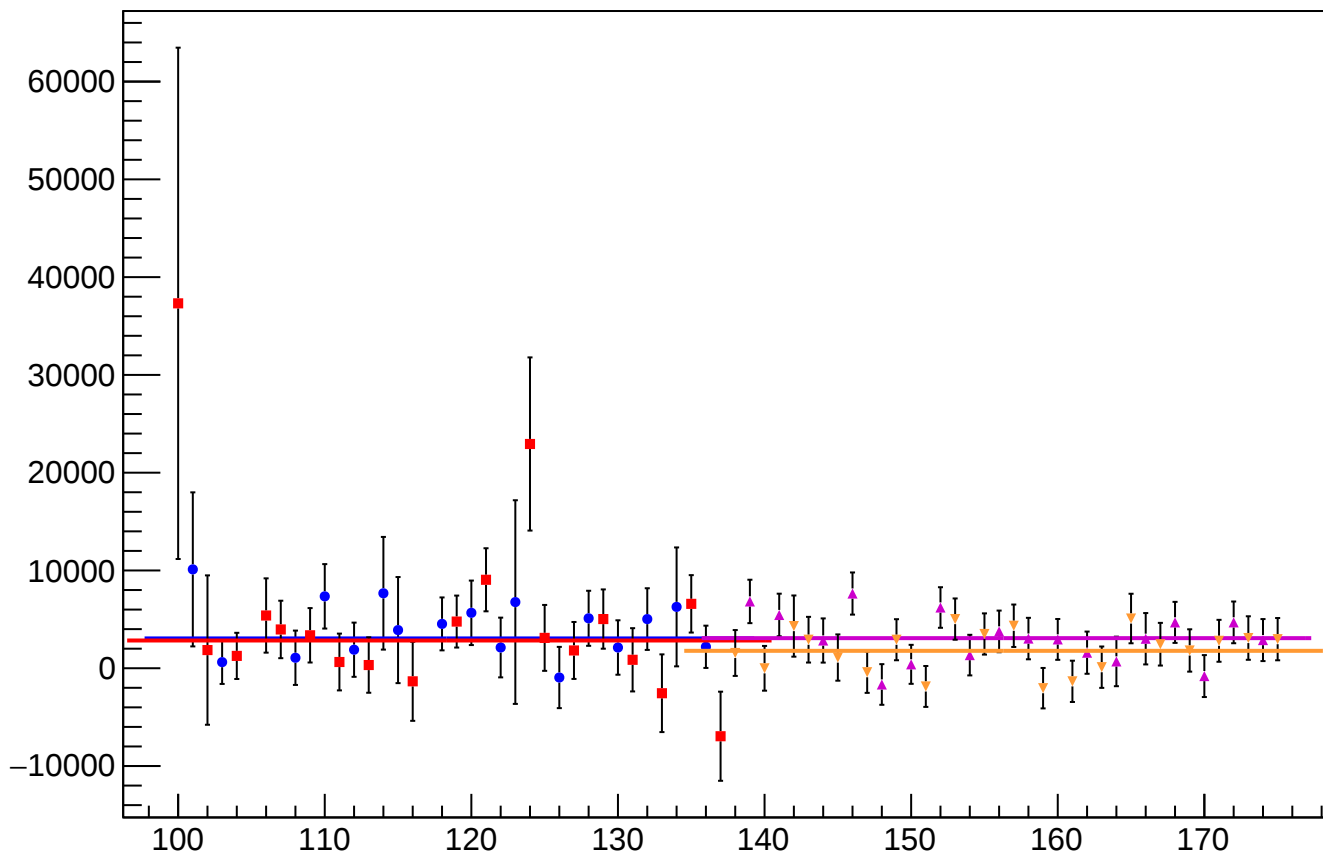
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3972.903+/-0.647 χ^2/NDF : 3814625.5/34

Out: 3870.634+/-0.610 χ^2/NDF : 3763799.9/38

All: 3918.767+/-0.444 χ^2/NDF : 7591668.6/73

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083 $\pm$ 772.320 χ^2/NDF : 9.3/16

Left Out: 1781.365 $\pm$ 495.540 χ^2/NDF :19.3/19

Right Out: 2838.725 $\pm$ 765.884 χ^2/NDF : 23.8/18

Left In: 3077.957 $\pm$ 510.284 χ^2/NDF :24.4/17

Left: 2410.659 $\pm$ 355.498 χ^2/NDF : 47.1/37

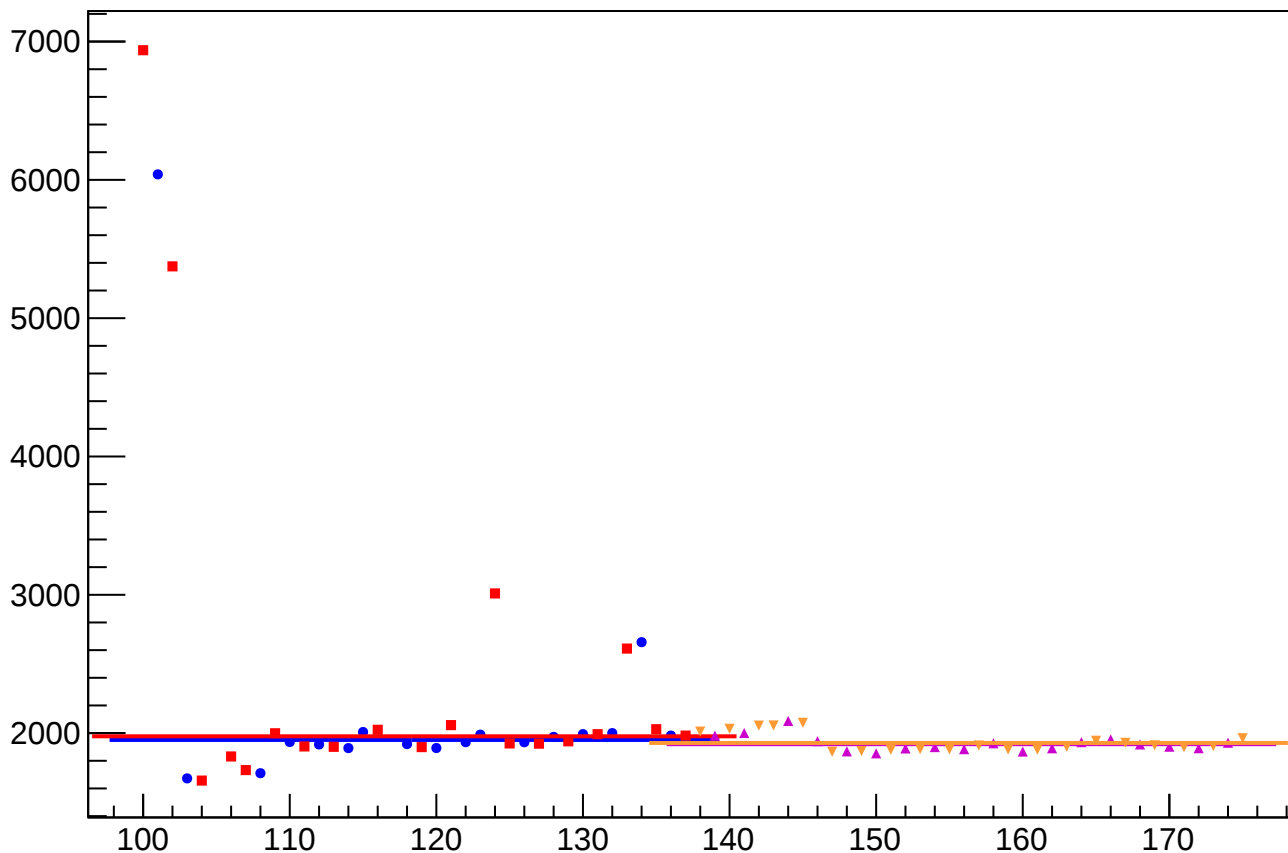
Right: 2943.024 $\pm$ 543.823 χ^2/NDF : 33.1/35

In: 3069.182 $\pm$ 425.748 χ^2/NDF :33.7/34

Out: 2093.387 $\pm$ 416.049 χ^2/NDF :44.4/38

All: 2570.043 $\pm$ 297.561 χ^2/NDF : 80.8/73

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692+/-0.546 χ^2/NDF : 615165.3/16

Left Out: 1929.012+/-0.350 χ^2/NDF : 33367.2/19

Right Out: 1976.980+/-0.541 χ^2/NDF : 607706.4/18

Left In: 1920.084+/-0.361 χ^2/NDF : 22901.1/17

Left: 1924.679+/-0.251 χ^2/NDF : 56583.4/37

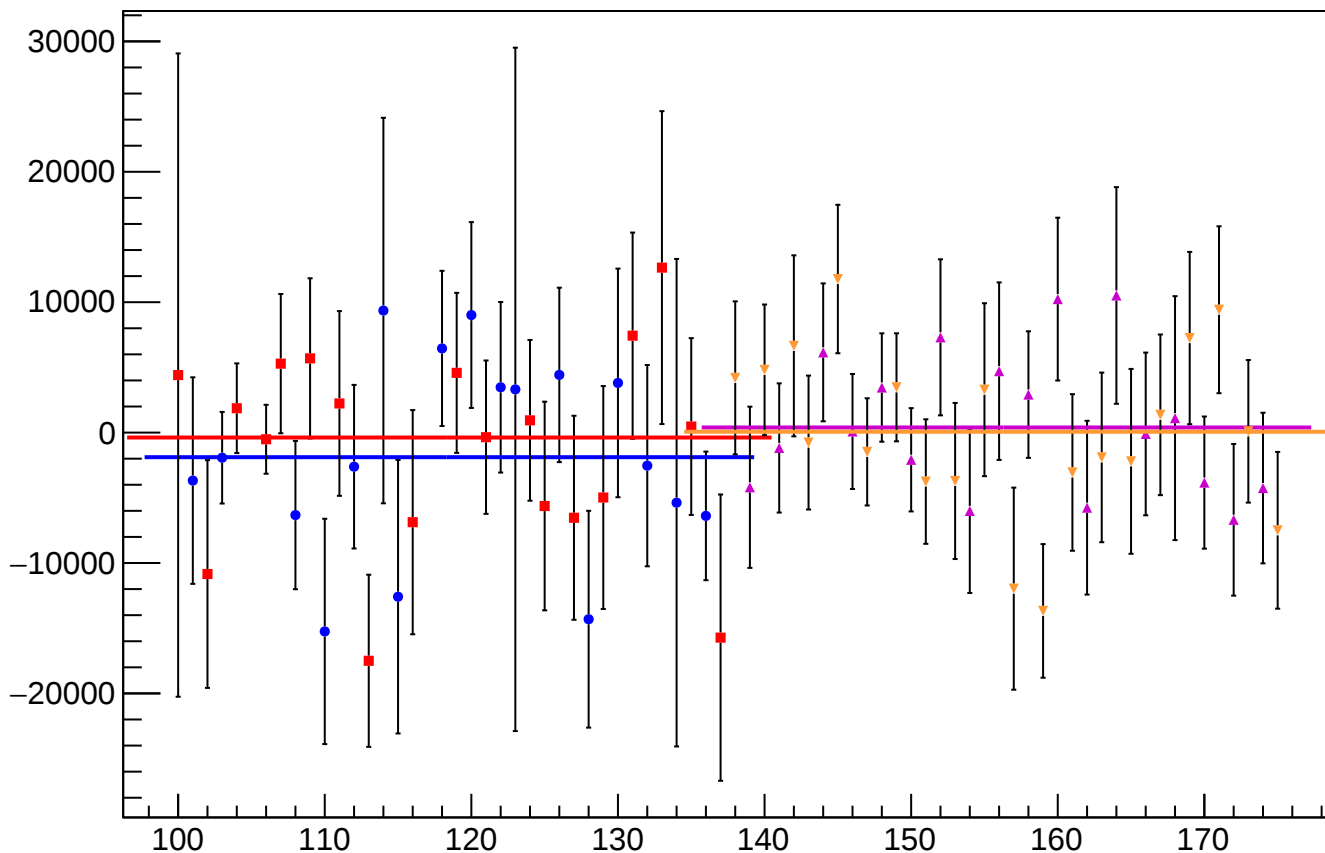
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1929.385+/-0.301 χ^2/NDF : 640253.0/34

Out: 1943.179+/-0.294 χ^2/NDF : 646608.6/38

All: 1936.442+/-0.210 χ^2/NDF : 1287935.7/73

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: 66.119+/-1258.624 χ^2/NDF : 23.7/19

Right Out: -376.861+/-1359.615 χ^2/NDF : 17.6/18

Left In: 393.205+/-1300.458 χ^2/NDF : 13.5/17

Left: 224.316+/-904.410 χ^2/NDF : 37.2/37

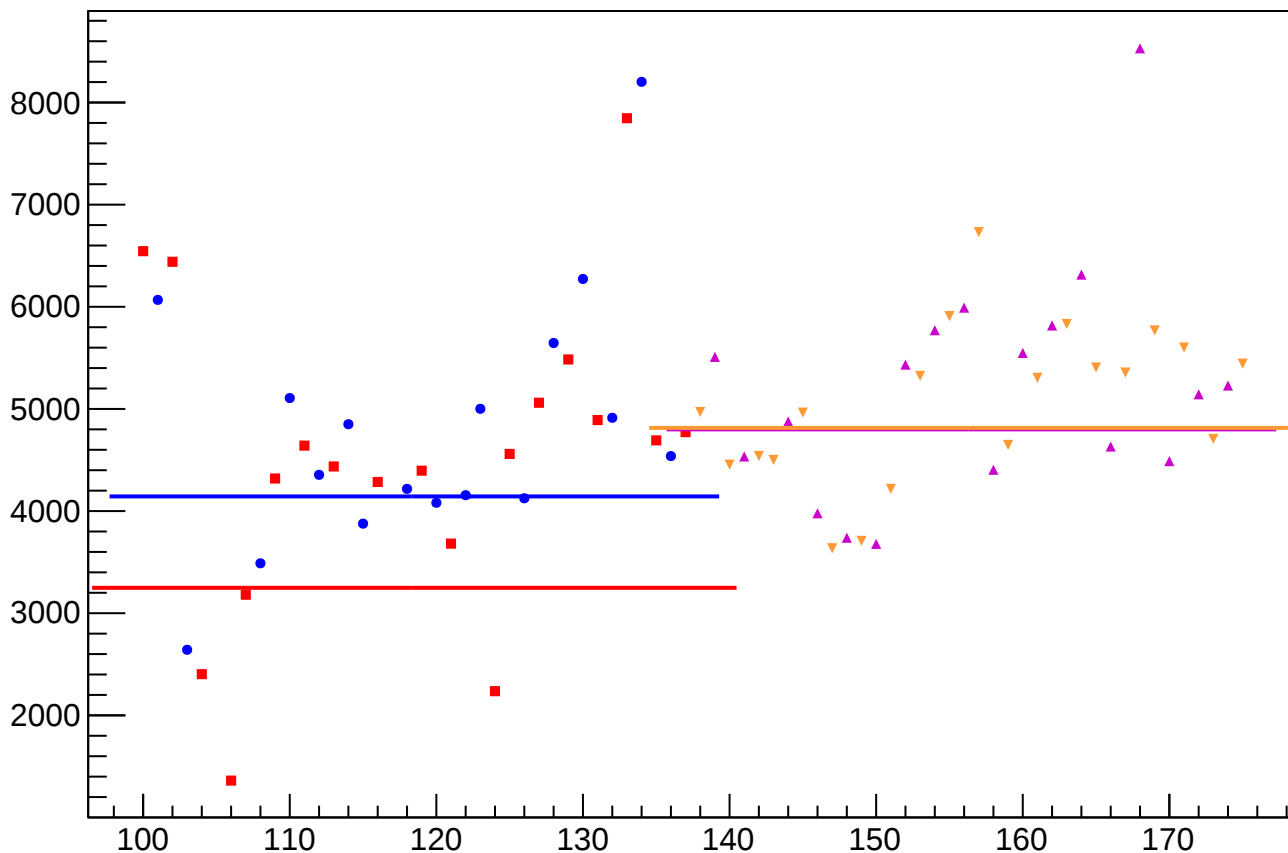
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -474.653+/-1023.245 χ^2/NDF : 28.8/34

Out: -138.310+/-923.623 χ^2/NDF : 41.3/38

All: -289.315+/-685.623 χ^2/NDF : 70.1/73

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478+/-1.172 χ^2/NDF : 855972.6/16

Left Out: 4814.558+/-0.890 χ^2/NDF : 741788.9/19

Right Out: 3248.634+/-0.961 χ^2/NDF : 2617775.0/18

Left In: 4799.724+/-0.920 χ^2/NDF : 1024090.5/17

Left: 4807.383+/-0.640 χ^2/NDF : 1766013.8/37

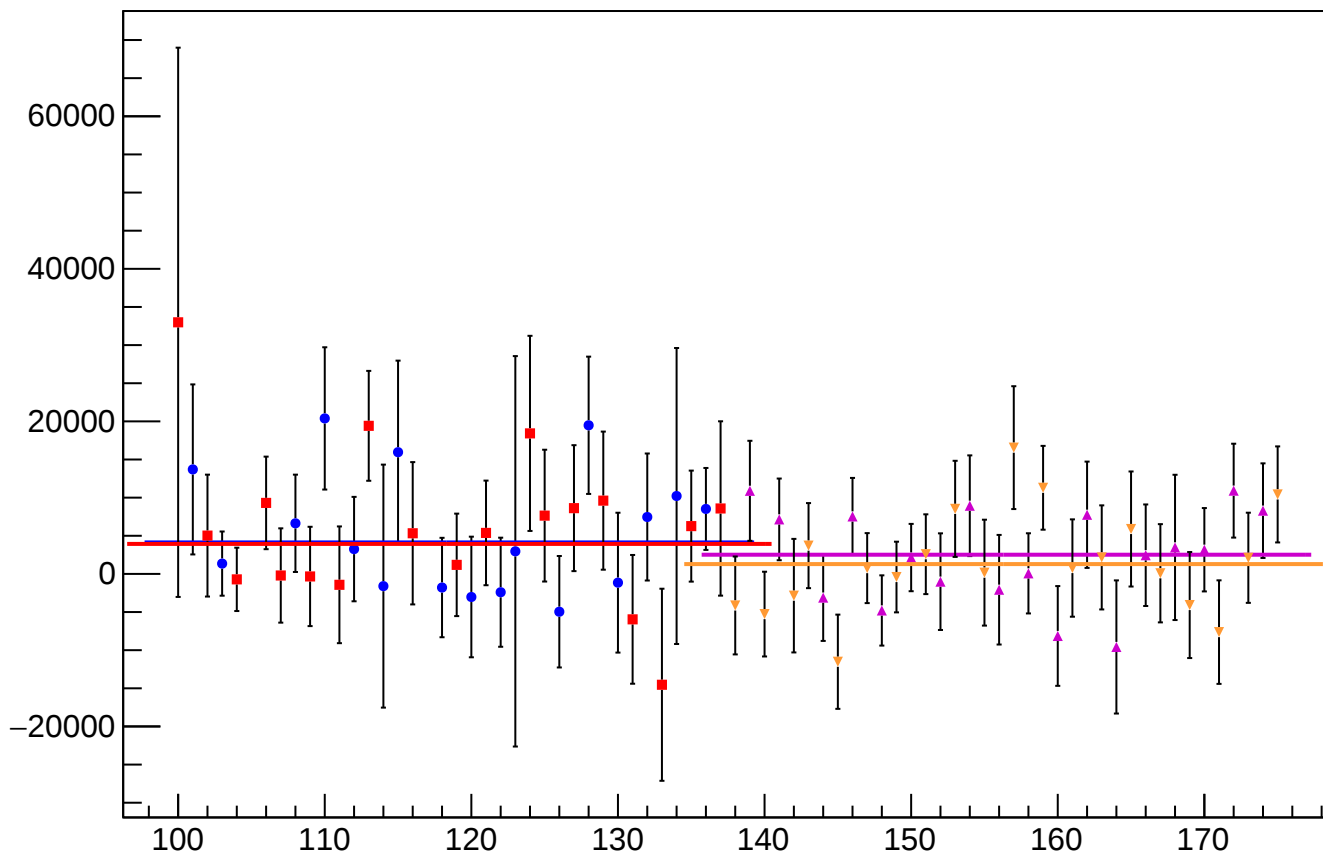
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4549.766+/-0.724 χ^2/NDF : 2074049.8/34

Out: 4091.907+/-0.653 χ^2/NDF : 4788249.6/38

All: 4297.469+/-0.485 χ^2/NDF : 7082954.3/73

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632 $\pm$ 1863.062 χ^2 /NDF: 13.7/16

Left Out: 1287.933 $\pm$ 1358.113 χ^2 /NDF:20.2/19

Right Out: 3933.351 $\pm$ 1725.500 χ^2 /NDF: 14.9/18

Left In: 2516.581 $\pm$ 1404.644 χ^2 /NDF:16.6/17

Left: 1881.570 $\pm$ 976.366 χ^2 /NDF: 37.3/37

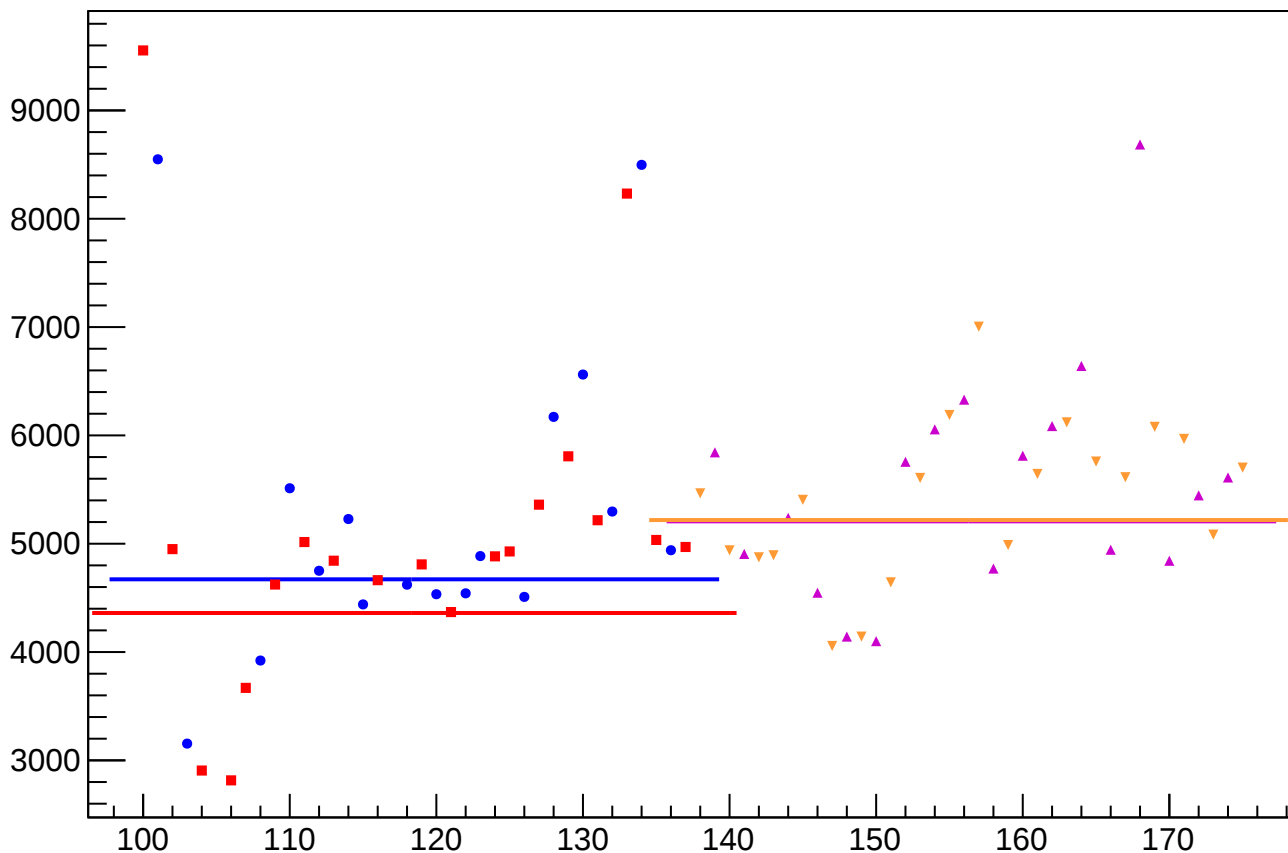
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3100.096 $\pm$ 1121.588 χ^2 /NDF:30.8/34

Out: 2299.873 $\pm$ 1067.198 χ^2 /NDF:36.6/38

All: 2680.112 $\pm$ 773.137 χ^2 /NDF: 67.7/73

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319+/-1.317 χ^2/NDF : 786112.0/16

Left Out: 5218.338+/-0.960 χ^2/NDF : 559256.2/19

Right Out: 4360.531+/-1.213 χ^2/NDF : 834123.3/18

Left In: 5206.499+/-0.993 χ^2/NDF : 795908.8/17

Left: 5212.618+/-0.690 χ^2/NDF : 1355238.4/37

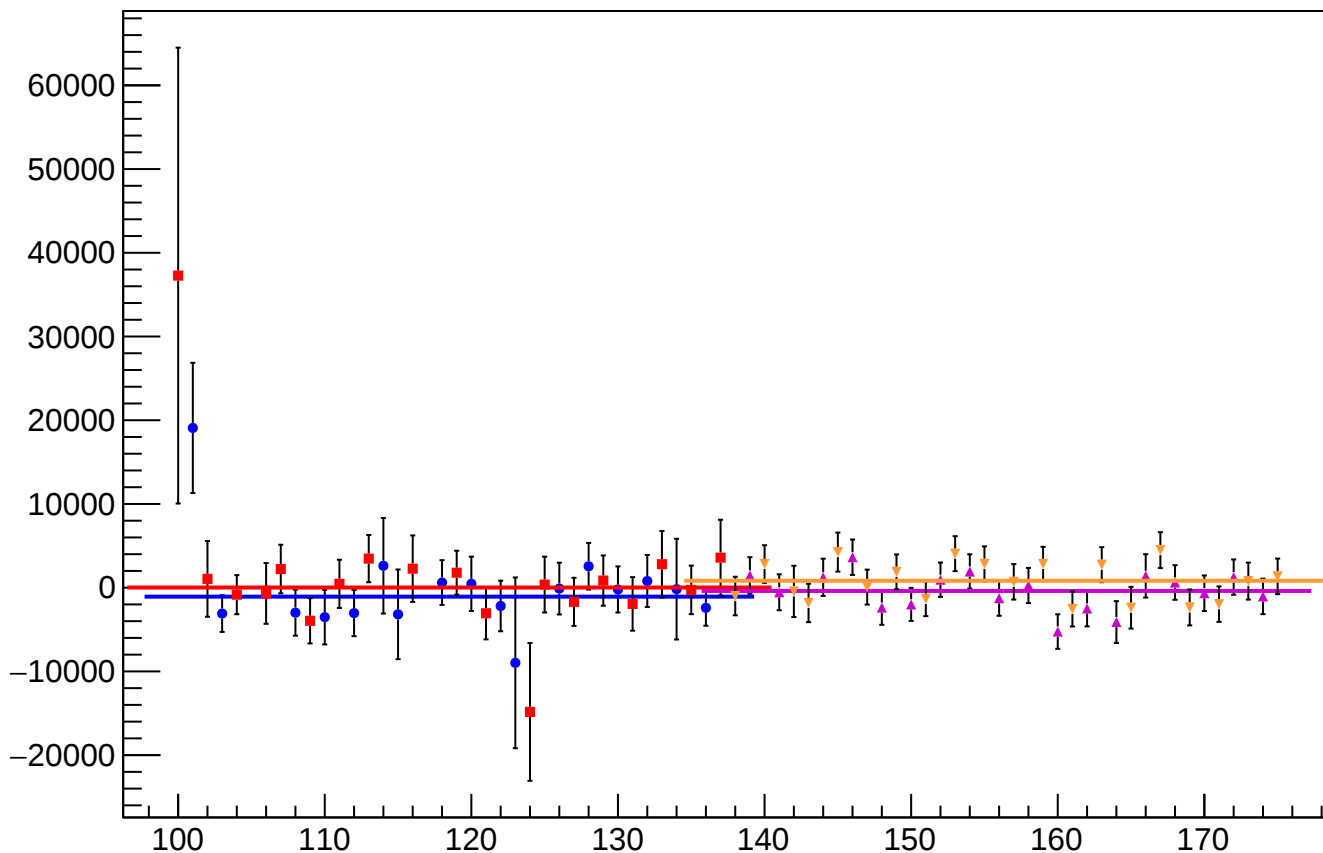
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 5012.539+/-0.793 χ^2/NDF : 1687243.6/34

Out: 4887.854+/-0.753 χ^2/NDF : 1700775.1/38

All: 4946.962+/-0.546 χ^2/NDF : 3401018.4/73

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 $\pm$ 762.970 χ^2 /NDF: 13.7/16

Left Out: 827.772 $\pm$ 488.742 χ^2 /NDF: 22.9/19

Right Out: 19.222 $\pm$ 747.810 χ^2 /NDF: 13.3/18

Left In: -391.019 $\pm$ 503.653 χ^2 /NDF: 18.6/17

Left: 236.685 $\pm$ 350.746 χ^2 /NDF: 44.6/37

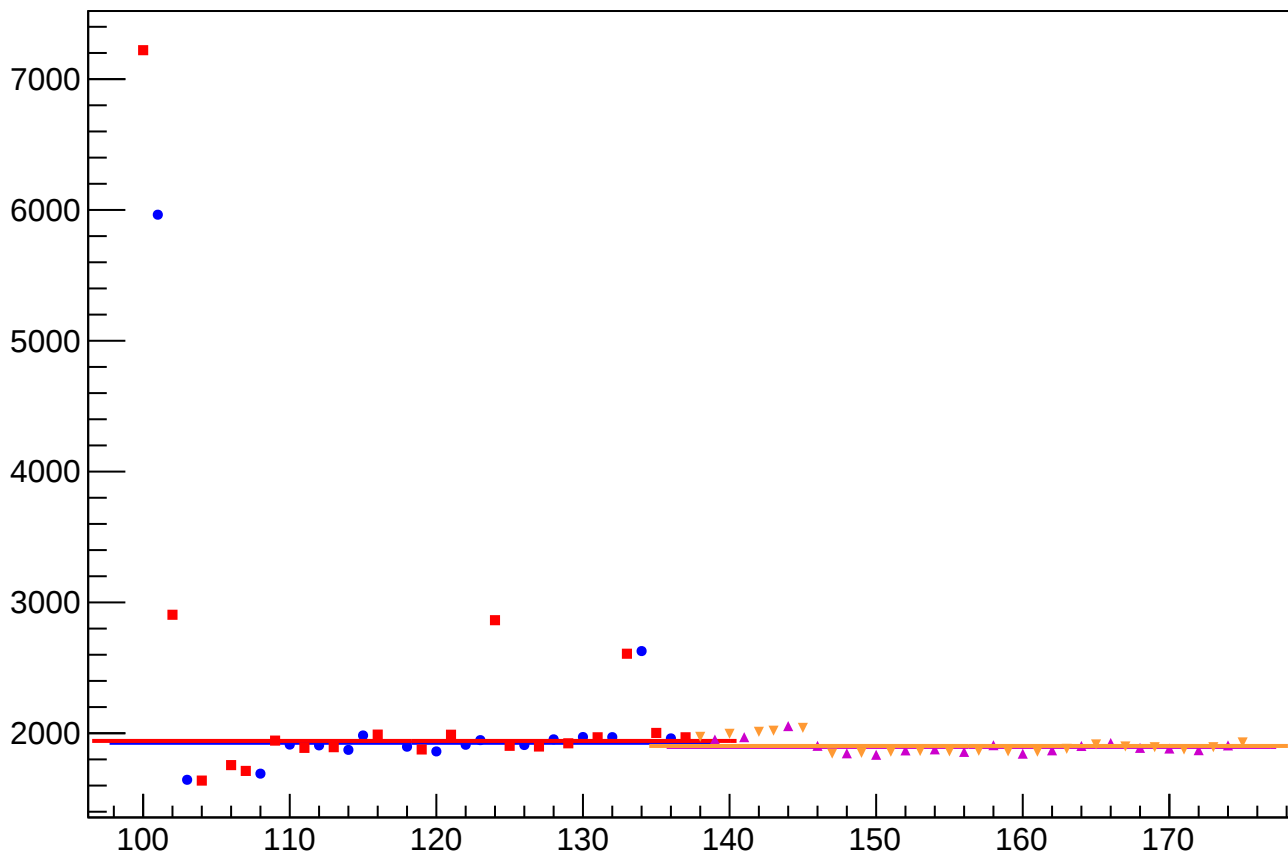
Right: -515.074 $\pm$ 534.061 χ^2 /NDF: 28.0/35

In: -597.473 $\pm$ 420.330 χ^2 /NDF: 32.9/34

Out: 585.773 $\pm$ 409.115 χ^2 /NDF: 37.0/38

All: 10.146 $\pm$ 293.173 χ^2 /NDF: 74.0/73

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 $\pm$ 0.540 χ^2 /NDF: 617116.3/16

Left Out: 1902.765 $\pm$ 0.346 χ^2 /NDF: 28522.9/19

Right Out: 1941.261 $\pm$ 0.528 χ^2 /NDF: 304367.3/18

Left In: 1895.255 $\pm$ 0.356 χ^2 /NDF: 20501.9/17

Left: 1899.123 $\pm$ 0.248 χ^2 /NDF: 49253.7/37

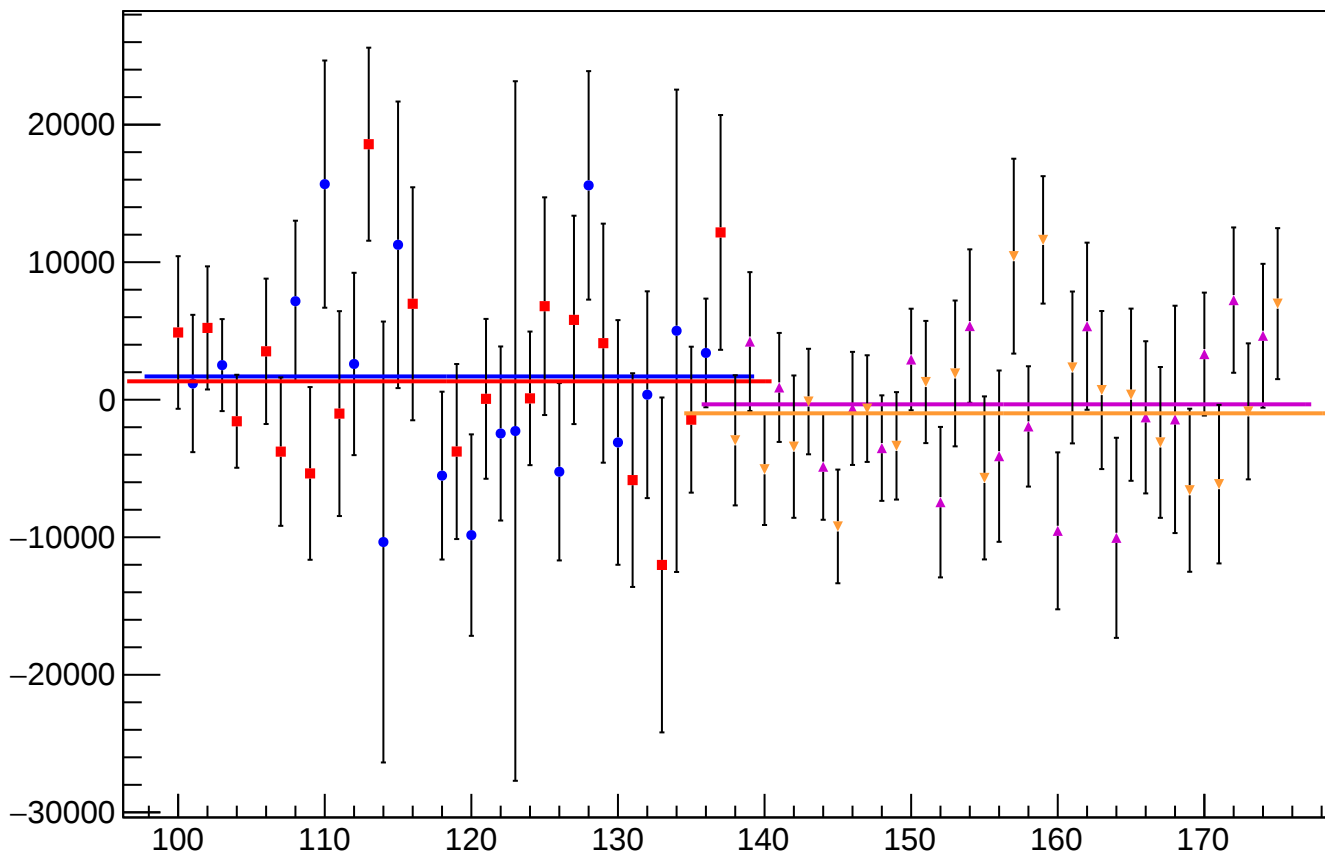
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1904.856 $\pm$ 0.297 χ^2 /NDF: 640013.0/34

Out: 1914.299 $\pm$ 0.289 χ^2 /NDF: 336607.9/38

All: 1909.706 $\pm$ 0.207 χ^2 /NDF: 977139.3/73

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966+/-1551.941 χ^2/NDF : 13.6/16

Left Out: -988.242+/-1092.972 χ^2/NDF : 21.4/19

Right Out: 1338.172+/-1369.005 χ^2/NDF : 16.3/18

Left In: -334.058+/-1146.598 χ^2/NDF : 15.9/17

Left: -676.805+/-791.127 χ^2/NDF : 37.5/37

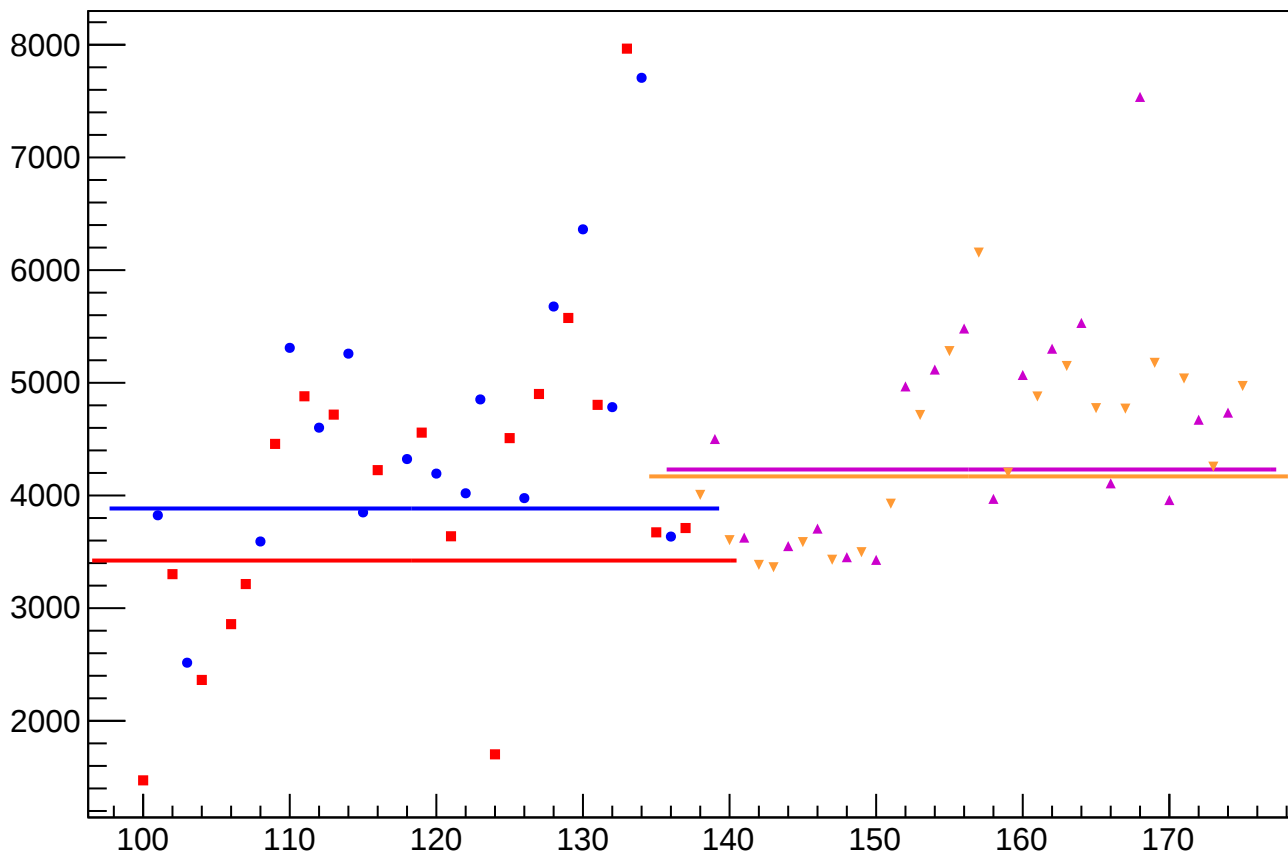
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 382.049+/-922.206 χ^2/NDF : 30.7/34

Out: -82.630+/-854.147 χ^2/NDF : 39.5/38

All: 131.932+/-626.654 χ^2/NDF : 70.3/73

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603 $\pm$ 1.097 χ^2 /NDF: 826563.8/16

Left Out: 4169.309 $\pm$ 0.773 χ^2 /NDF: 882956.6/19

Right Out: 3422.628 $\pm$ 0.968 χ^2 /NDF: 1590296.5/18

Left In: 4230.718 $\pm$ 0.811 χ^2 /NDF: 1028817.9/17

Left: 4198.544 $\pm$ 0.559 χ^2 /NDF: 1914780.1/37

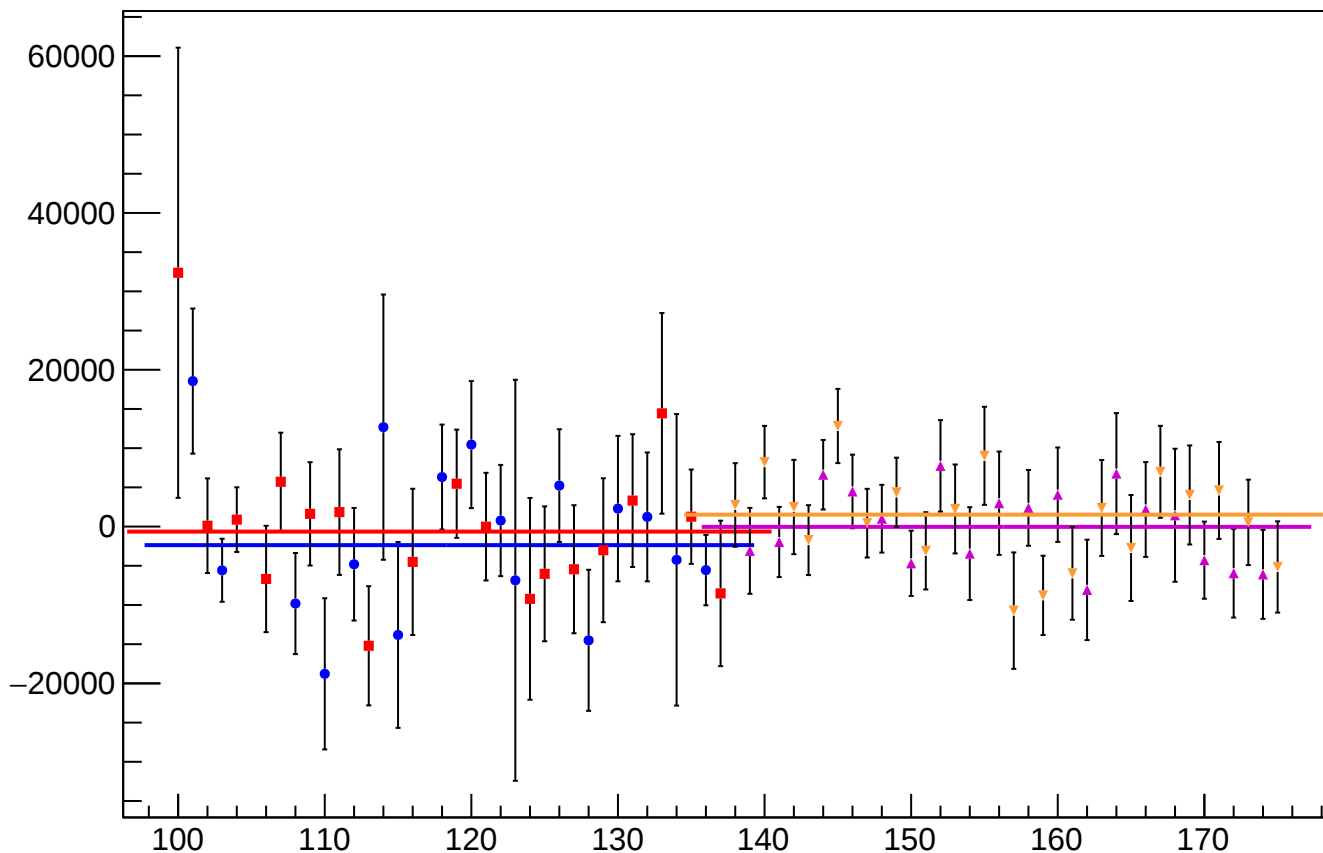
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 4108.502 $\pm$ 0.652 χ^2 /NDF: 1919732.3/34

Out: 3878.646 $\pm$ 0.604 χ^2 /NDF: 2836613.0/38

All: 3984.780 $\pm$ 0.443 χ^2 /NDF: 4823222.3/73

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 $\pm$ 1801.942 χ^2 /NDF: 20.1/16

Left Out: 1521.549 $\pm$ 1209.355 χ^2 /NDF:22.7/19

Right Out: -640.916 $\pm$ 1690.165 χ^2 /NDF: 11.8/18

Left In: -38.067 $\pm$ 1261.795 χ^2 /NDF:13.5/17

Left: 774.823 $\pm$ 873.094 χ^2 /NDF: 37.0/37

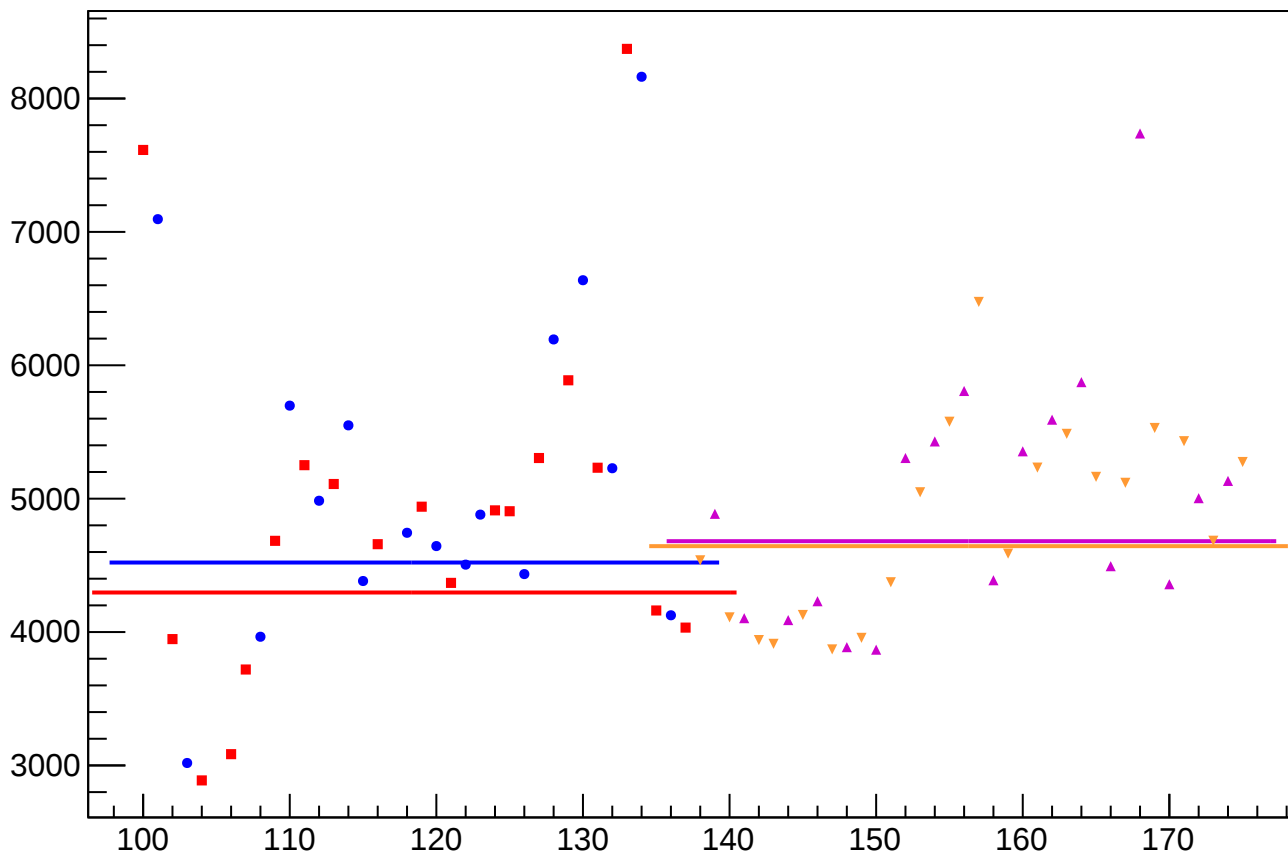
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -804.485 $\pm$ 1033.585 χ^2 /NDF:34.8/34

Out: 789.309 $\pm$ 983.516 χ^2 /NDF:35.6/38

All: 31.949 $\pm$ 712.494 χ^2 /NDF: 71.6/73

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230+/-1.274 χ^2/NDF : 778675.0/16

Left Out: 4644.016+/-0.855 χ^2/NDF : 603931.9/19

Right Out: 4296.482+/-1.189 χ^2/NDF : 773210.4/18

Left In: 4681.338+/-0.892 χ^2/NDF : 757212.1/17

Left: 4661.885+/-0.617 χ^2/NDF : 1362056.1/37

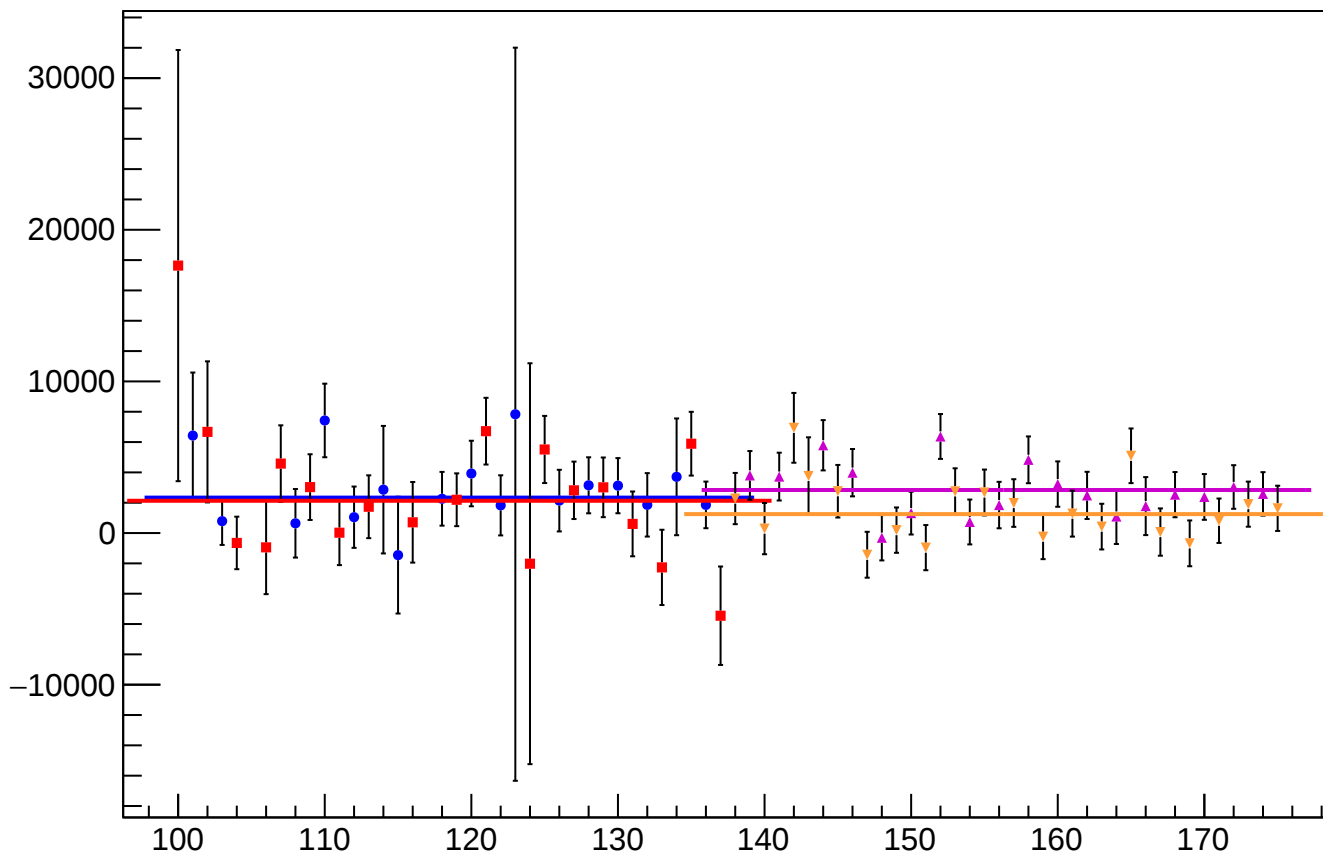
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4628.661+/-0.731 χ^2/NDF : 1546481.9/34

Out: 4525.469+/-0.694 χ^2/NDF : 1433481.3/38

All: 4574.408+/-0.503 χ^2/NDF : 2990444.2/73

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 1249.150 $\pm$ 357.068 χ^2 /NDF:24.9/19

Right Out: 2129.457 $\pm$ 539.223 χ^2 /NDF: 27.5/18

Left In: 2838.504 $\pm$ 363.389 χ^2 /NDF:21.3/17

Left: 2029.883 $\pm$ 254.690 χ^2 /NDF: 55.9/37

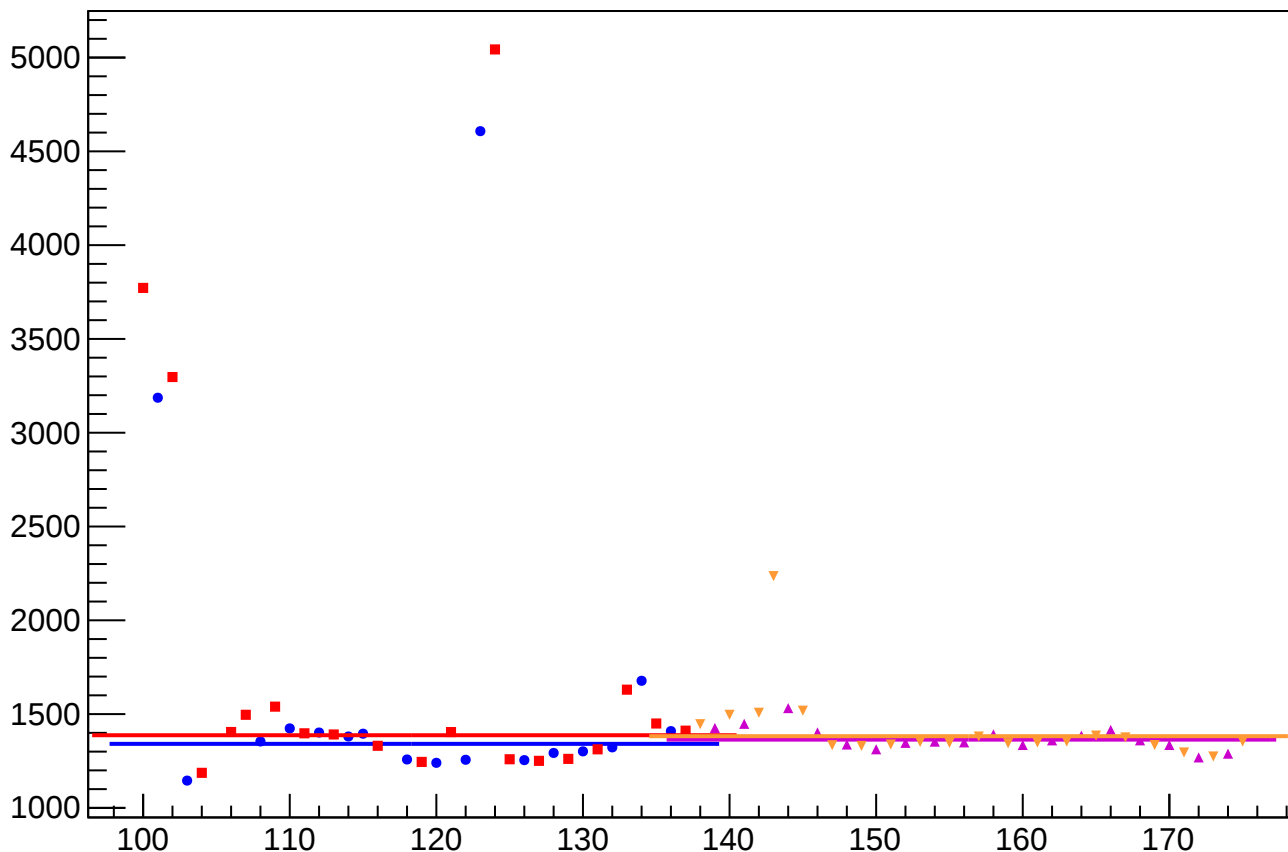
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2678.593 $\pm$ 299.912 χ^2 /NDF:31.6/34

Out: 1517.493 $\pm$ 297.712 χ^2 /NDF:54.3/38

All: 2093.769 $\pm$ 211.288 χ^2 /NDF: 93.4/73

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374+/-0.376 χ^2/NDF : 504272.1/16

Left Out: 1382.225+/-0.252 χ^2/NDF : 285792.6/19

Right Out: 1387.348+/-0.381 χ^2/NDF : 650193.3/18

Left In: 1363.954+/-0.257 χ^2/NDF : 52351.6/17

Left: 1373.250+/-0.180 χ^2/NDF : 340716.4/37

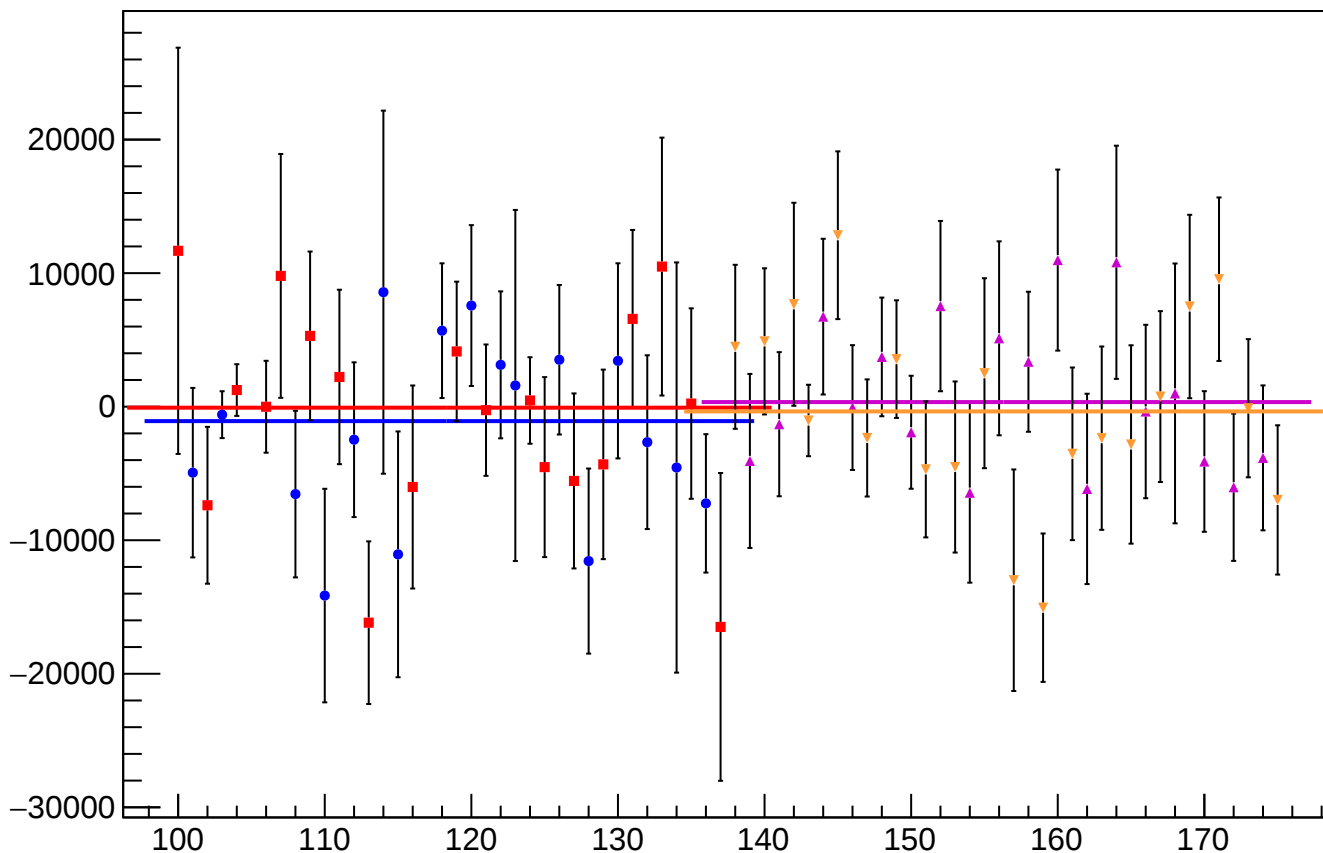
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1356.755+/-0.212 χ^2/NDF : 559086.0/34

Out: 1383.788+/-0.210 χ^2/NDF : 936111.5/38

All: 1370.372+/-0.149 χ^2/NDF : 1503382.9/73

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: -354.503 $\pm$ 1212.233 χ^2 /NDF: 24.6/19

Right Out: -74.089 $\pm$ 1126.219 χ^2 /NDF: 18.6/18

Left In: 344.728 $\pm$ 1369.233 χ^2 /NDF: 13.1/17

Left: -47.257 $\pm$ 907.633 χ^2 /NDF: 37.8/37

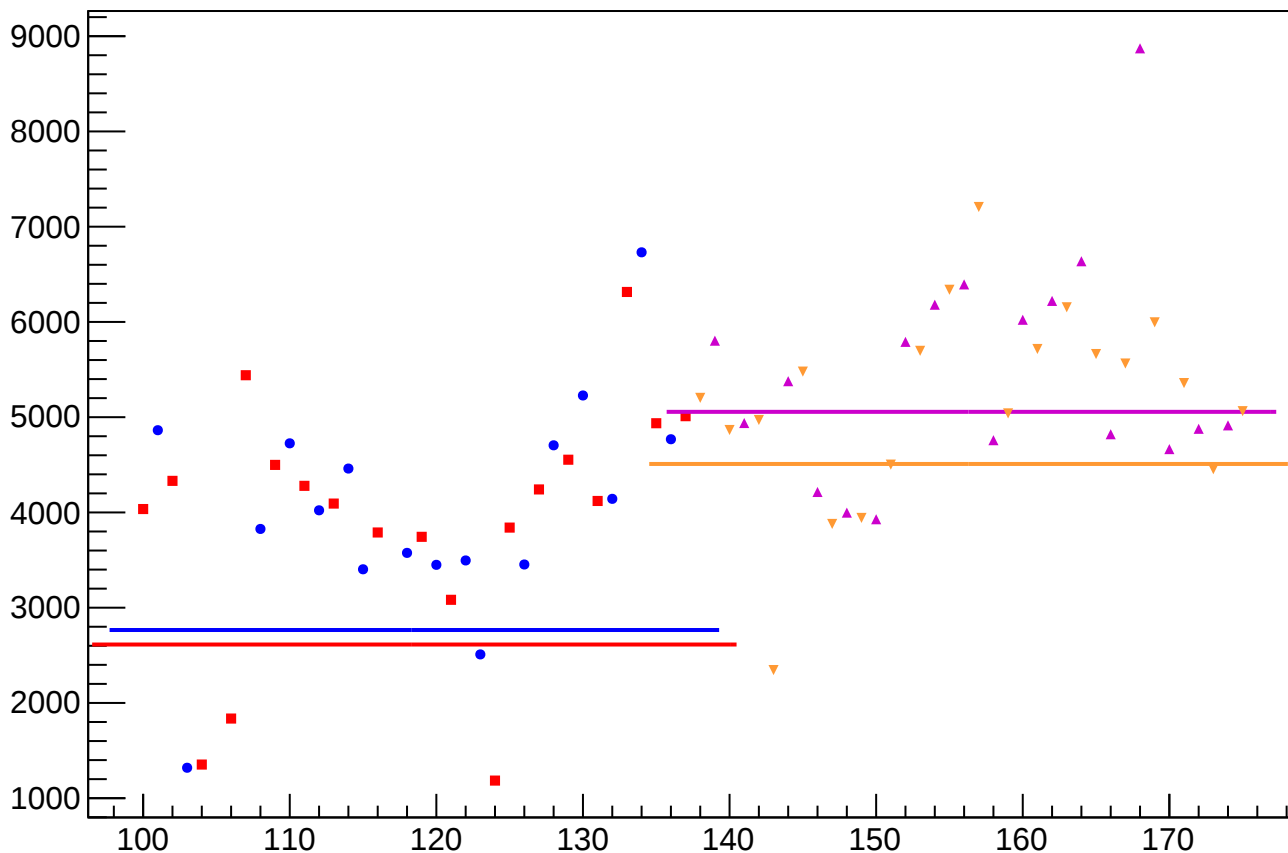
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -454.463 $\pm$ 907.696 χ^2 /NDF: 28.7/34

Out: -203.995 $\pm$ 825.091 χ^2 /NDF: 43.2/38

All: -317.316 $\pm$ 610.547 χ^2 /NDF: 71.9/73

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736+/-0.857 χ^2/NDF : 2939083.2/16

Left Out: 4508.970+/-0.857 χ^2/NDF : 2342628.7/19

Right Out: 2613.368+/-0.796 χ^2/NDF : 3339918.9/18

Left In: 5056.136+/-0.968 χ^2/NDF : 994905.0/17

Left: 4749.398+/-0.642 χ^2/NDF : 3516578.4/37

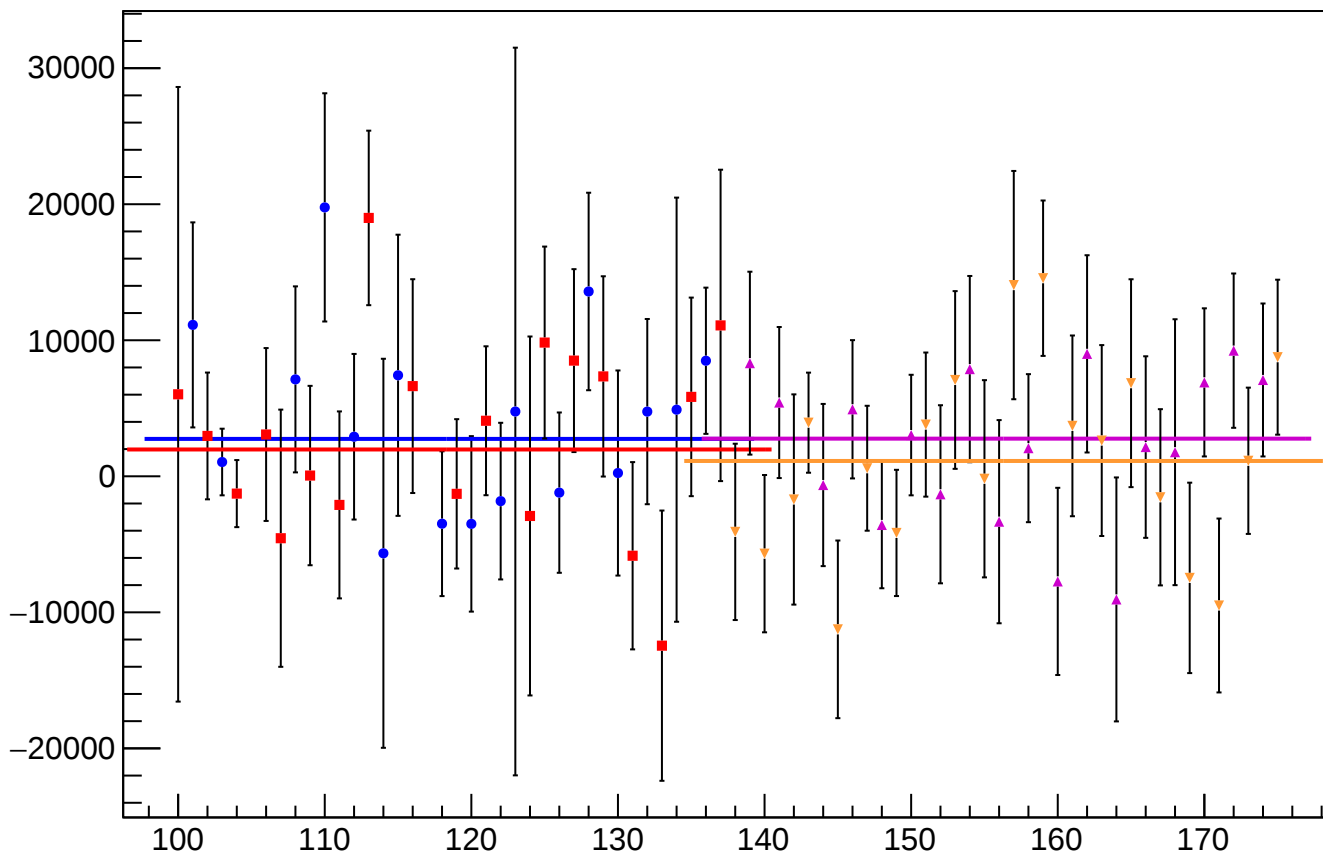
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3772.290+/-0.642 χ^2/NDF : 7070876.8/34

Out: 3491.538+/-0.583 χ^2/NDF : 8307432.1/38

All: 3618.561+/-0.432 χ^2/NDF : 15483077.4/71

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: 1126.337+/-1314.297 χ^2/NDF : 23.7/19

Right Out: 1971.156+/-1381.709 χ^2/NDF : 17.8/18

Left In: 2767.400+/-1418.572 χ^2/NDF : 12.2/17

Left: 1884.344+/-964.107 χ^2/NDF : 36.6/37

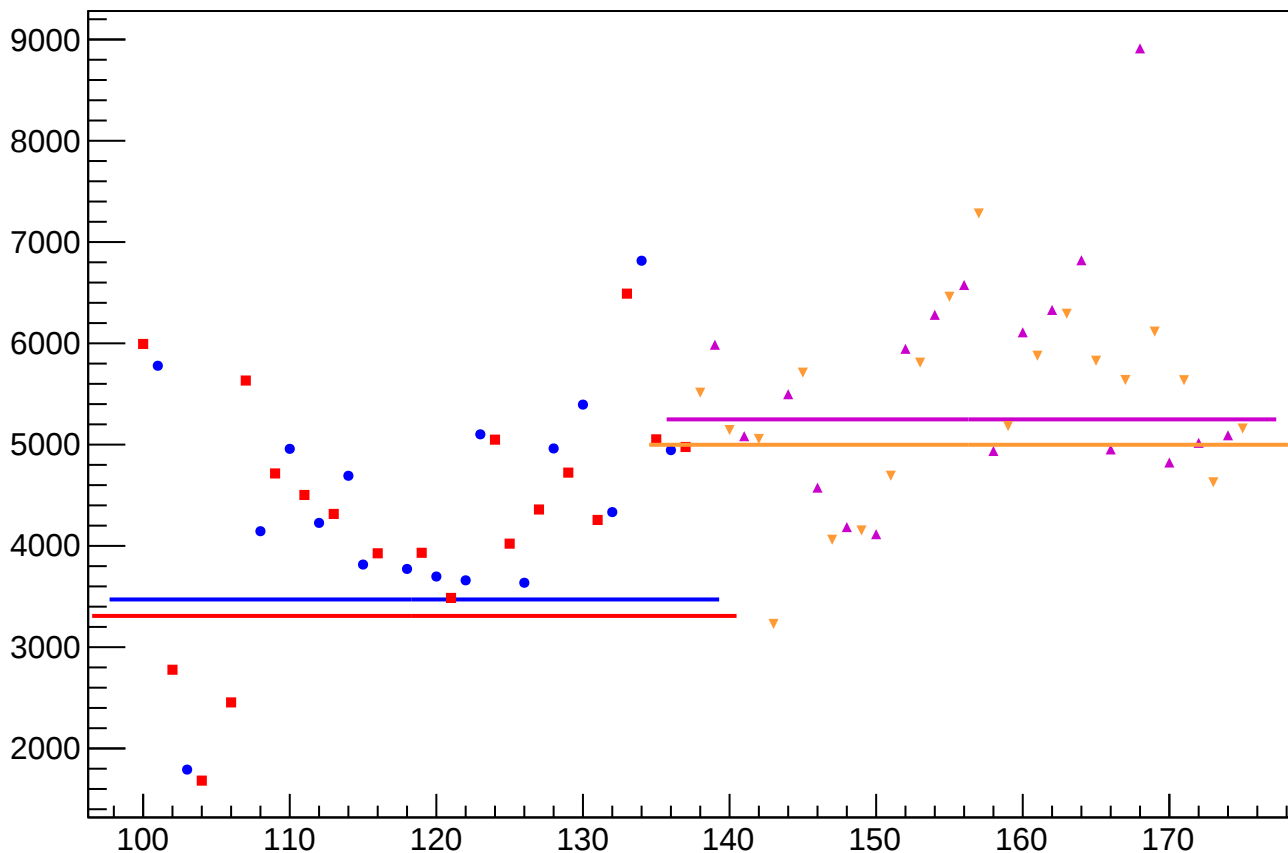
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2758.027+/-1012.859 χ^2/NDF : 26.0/34

Out: 1527.635+/-952.289 χ^2/NDF : 41.7/38

All: 2104.944+/-693.795 χ^2/NDF : 68.5/73

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

Left Out: 4998.451+/-0.929 χ^2/NDF : 1147038.0/19

Right Out: 3308.555+/-0.968 χ^2/NDF : 1914383.5/18

Left In: 5249.115+/-1.003 χ^2/NDF : 876854.4/17

Left: 5114.233+/-0.682 χ^2/NDF : 2057495.2/37

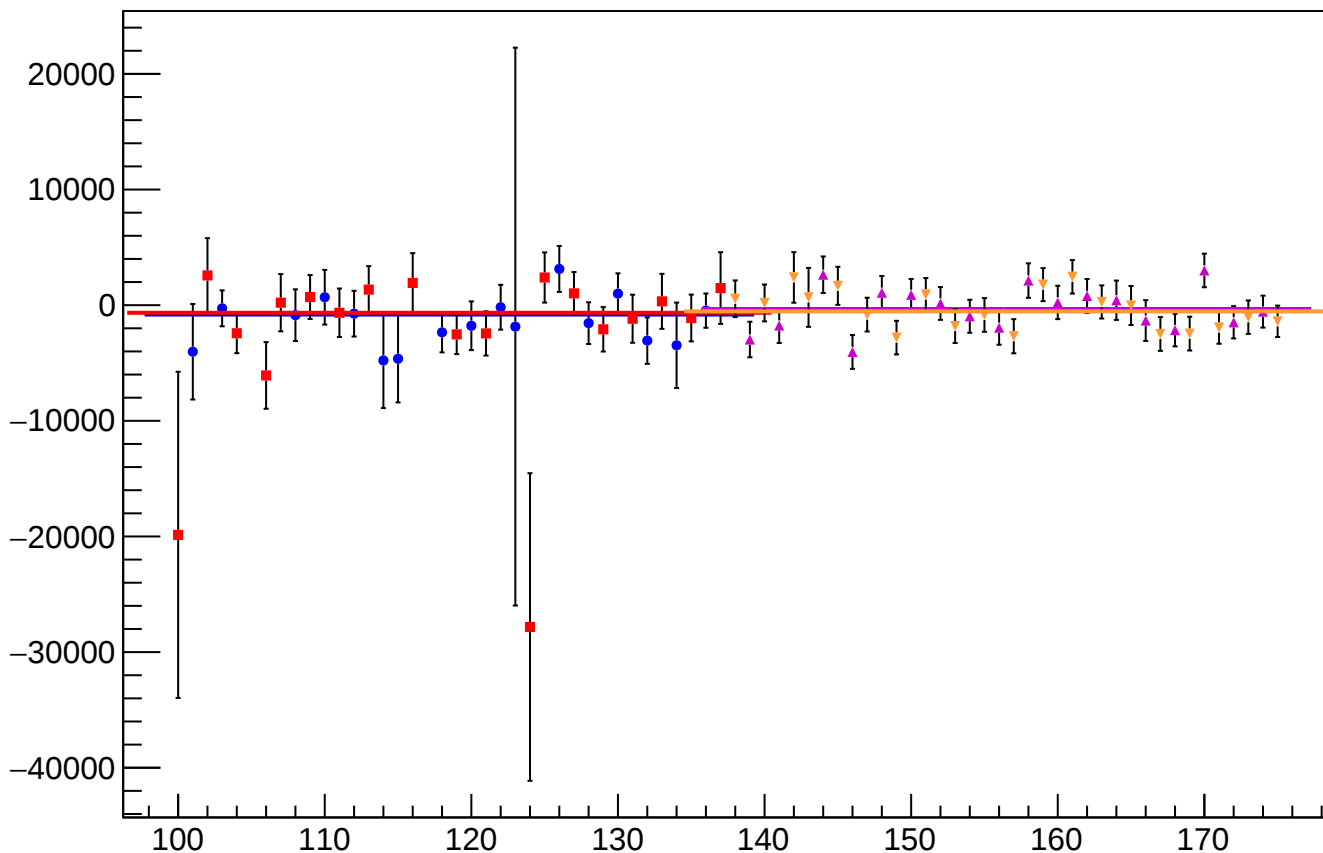
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4377.528+/-0.716 χ^2/NDF : 4184890.1/34

Out: 4187.991+/-0.670 χ^2/NDF : 4647170.4/38

All: 4276.510+/-0.489 χ^2/NDF : 8869388.2/73

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2/NDF : 11.2/16

Left Out: -533.701+/-340.499 χ^2/NDF : 23.3/19

Right Out: -656.248+/-514.588 χ^2/NDF : 20.4/18

Left In: -328.820+/-347.590 χ^2/NDF : 28.8/17

Left: -433.371+/-243.238 χ^2/NDF : 52.2/37

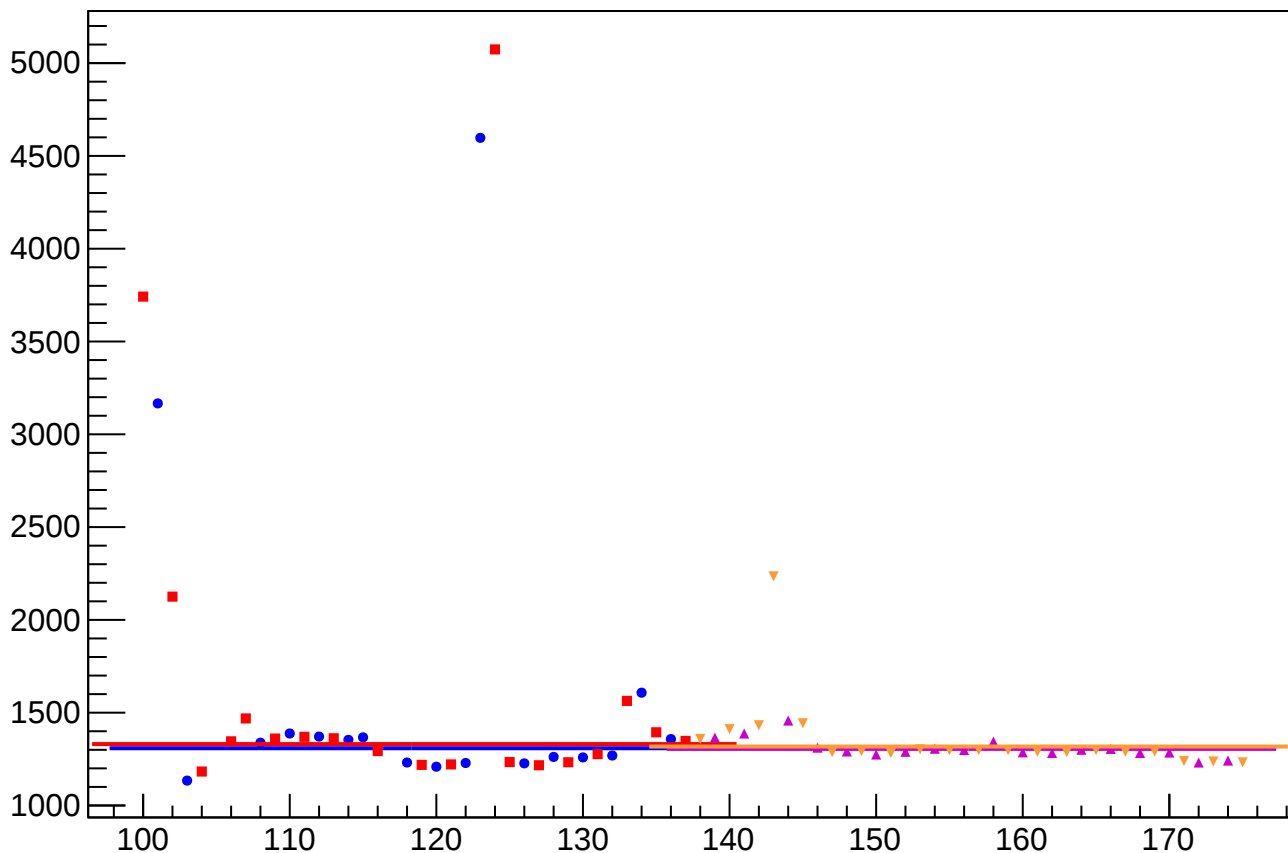
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -477.833+/-288.664 χ^2/NDF : 40.5/34

Out: -571.017+/-283.963 χ^2/NDF : 43.7/38

All: -525.190+/-202.434 χ^2/NDF : 84.3/73

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2 /NDF: 506545.0/16

Left Out: 1317.630 $\pm$ 0.241 χ^2 /NDF:311998.2/19

Right Out: 1330.860 $\pm$ 0.364 χ^2 /NDF: 415845.6/18

Left In: 1304.907 $\pm$ 0.246 χ^2 /NDF:42148.8/17

Left: 1311.399 $\pm$ 0.172 χ^2 /NDF: 355514.4/37

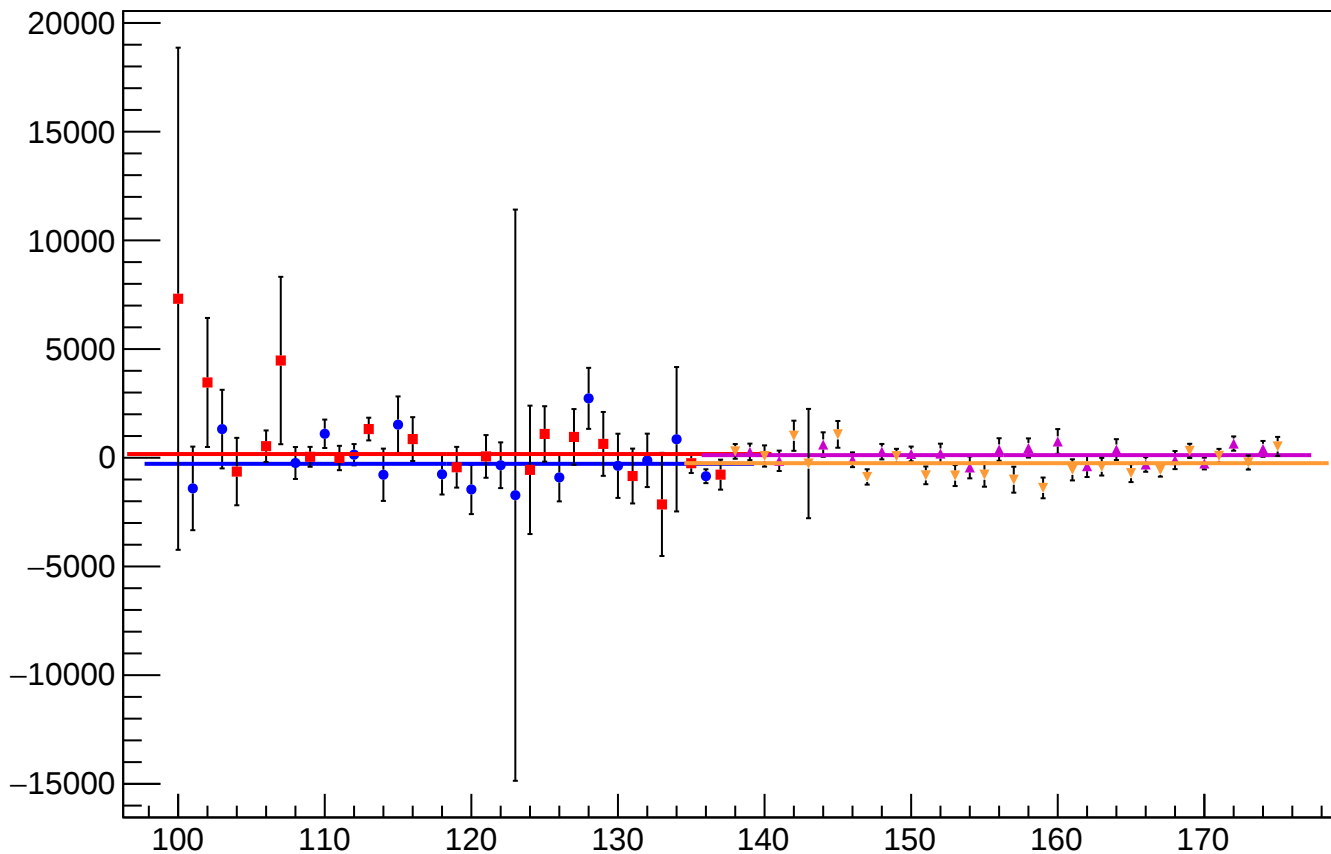
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1305.980 $\pm$ 0.204 χ^2 /NDF:548755.4/34

Out: 1321.658 $\pm$ 0.201 χ^2 /NDF:728763.2/38

All: 1313.948 $\pm$ 0.143 χ^2 /NDF: 1280516.9/73

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710+/-198.123 χ^2/NDF : 18.0/16

Left Out: -249.208+/-92.657 χ^2/NDF :36.7/19

Right Out: 171.593+/-192.461 χ^2/NDF : 14.7/18

Left In: 120.924+/-93.643 χ^2/NDF :13.6/17

Left: -66.099+/-65.864 χ^2/NDF : 58.2/37

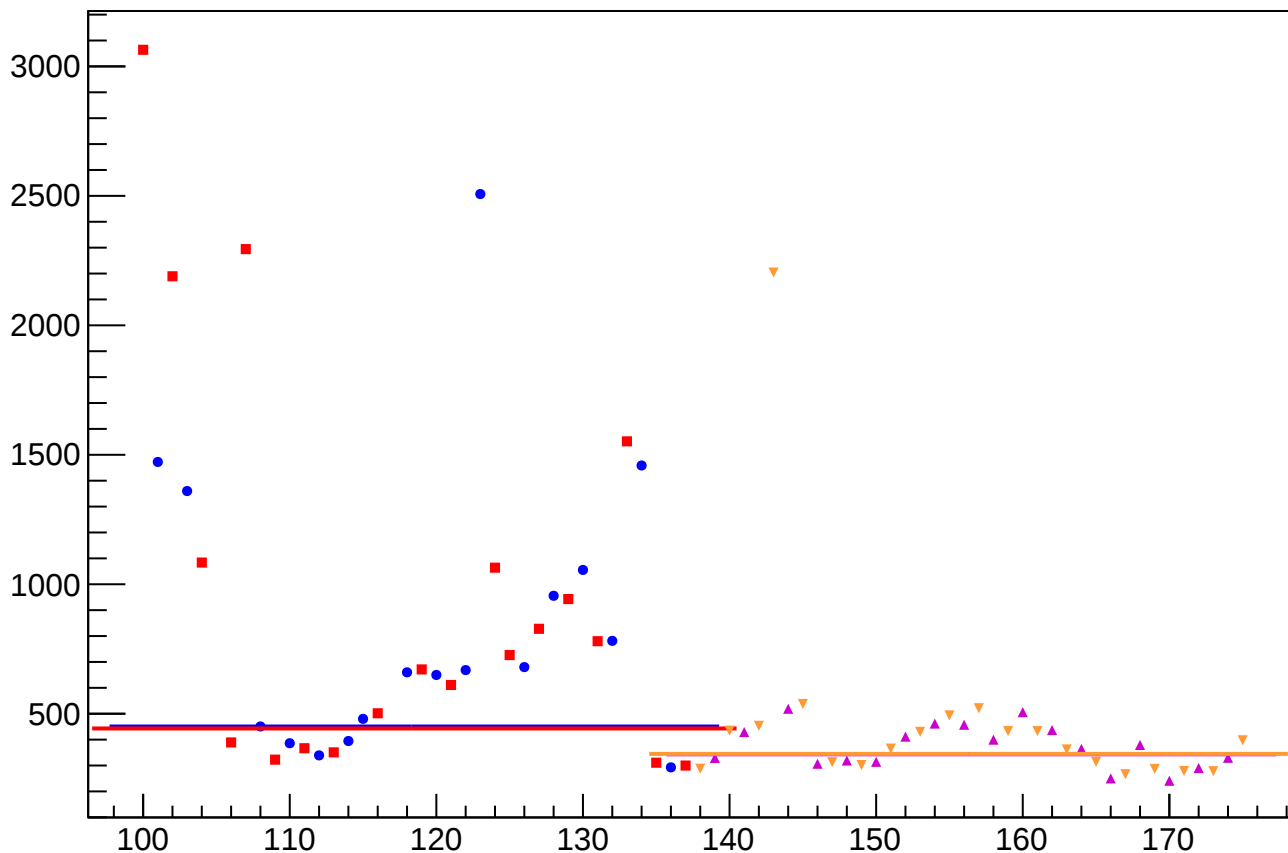
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

In: 47.949+/-84.662 χ^2/NDF :35.0/34

Out: -170.027+/-83.486 χ^2/NDF :55.3/38

All: -62.564+/-59.445 χ^2/NDF : 93.7/73

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 344.912+/-0.066 χ^2/NDF : 2442750.6/19

Right Out: 443.096+/-0.136 χ^2/NDF : 3471372.7/18

Left In: 343.274+/-0.066 χ^2/NDF : 1340740.0/17

Left: 344.101+/-0.047 χ^2/NDF : 3783799.8/37

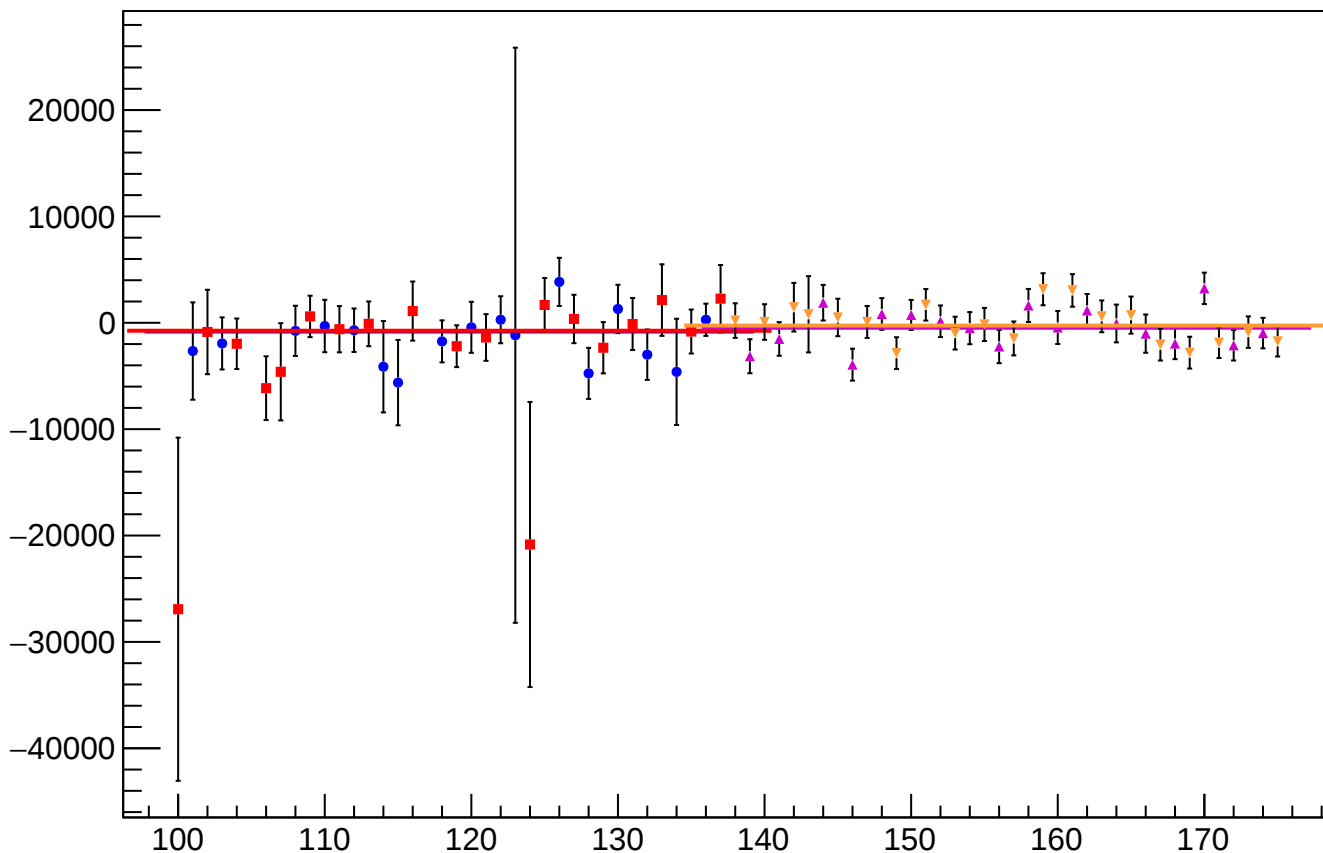
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 362.871+/-0.060 χ^2/NDF : 4818174.2/34

Out: 363.387+/-0.059 χ^2/NDF : 6336688.1/38

All: 363.132+/-0.042 χ^2/NDF : 11154899.9/73

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110+/-601.150 χ^2/NDF : 12.7/16

Left Out: -260.544+/-356.556 χ^2/NDF : 23.9/19

Right Out: -746.365+/-595.659 χ^2/NDF : 14.1/18

Left In: -463.079+/-362.380 χ^2/NDF : 25.3/17

Left: -360.171+/-254.157 χ^2/NDF : 49.3/37

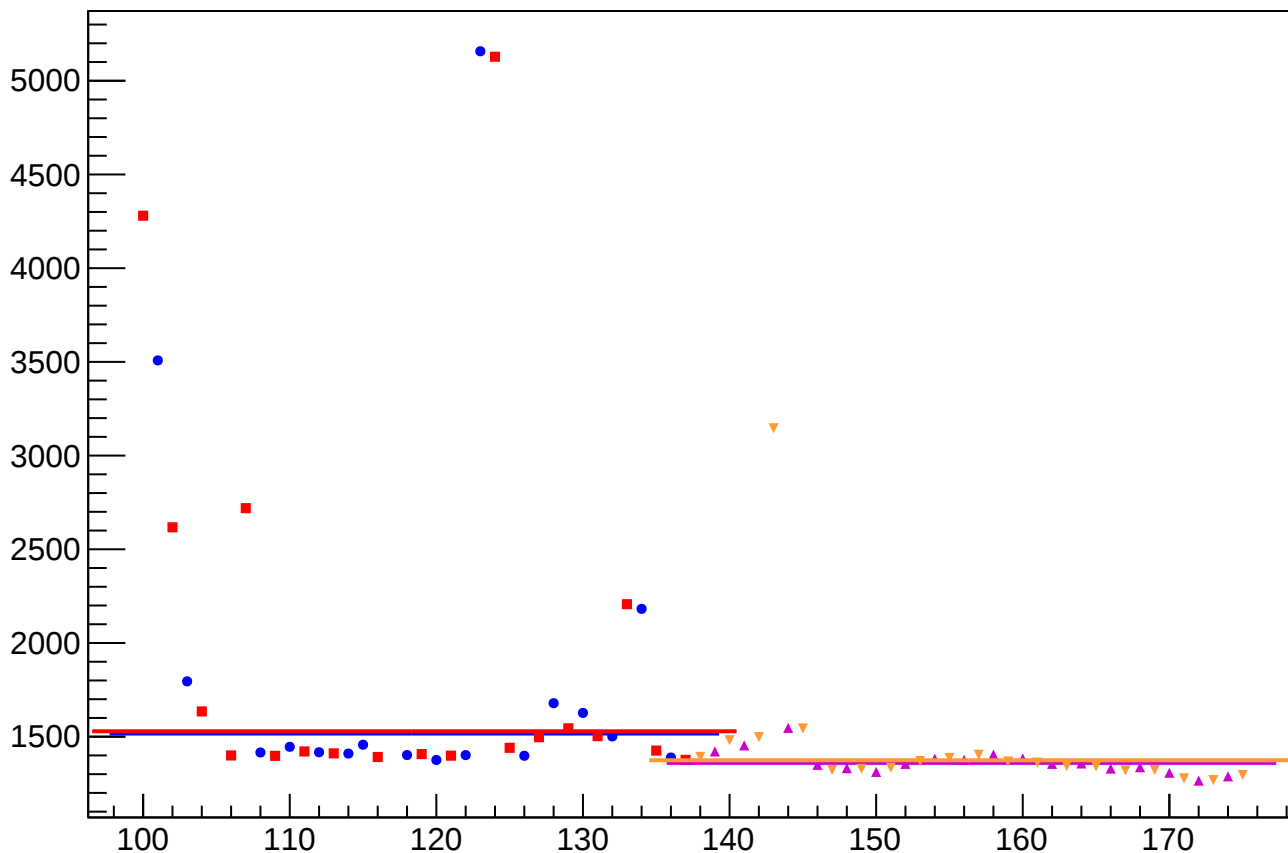
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -557.439+/-310.352 χ^2/NDF : 38.3/34

Out: -388.699+/-305.934 χ^2/NDF : 38.4/38

All: -471.860+/-217.874 χ^2/NDF : 76.8/73

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935 $\pm$ 0.425 χ^2 /NDF: 541039.6/16

Left Out: 1374.316 $\pm$ 0.252 χ^2 /NDF: 560075.3/19

Right Out: 1528.856 $\pm$ 0.421 χ^2 /NDF: 630181.6/18

Left In: 1360.240 $\pm$ 0.256 χ^2 /NDF: 57949.4/17

Left: 1367.392 $\pm$ 0.180 χ^2 /NDF: 619558.0/37

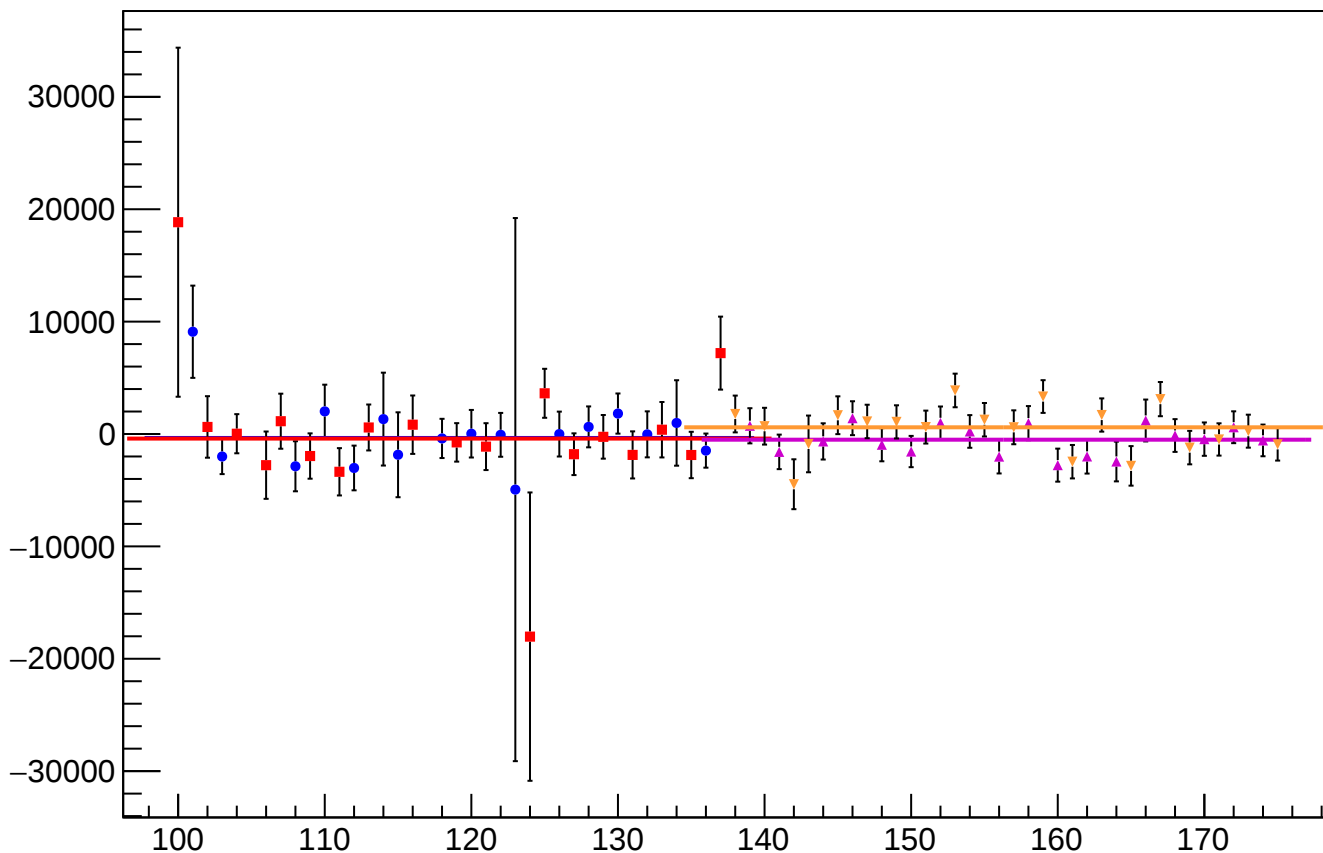
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

In: 1402.004 $\pm$ 0.219 χ^2 /NDF: 698658.1/34

Out: 1415.083 $\pm$ 0.216 χ^2 /NDF: 1289367.4/38

All: 1408.637 $\pm$ 0.154 χ^2 /NDF: 1989826.8/73

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131+/-523.324 χ^2/NDF : 13.4/16

Left Out: 595.734+/-349.513 χ^2/NDF : 29.8/19

Right Out: -407.388+/-522.047 χ^2/NDF : 18.4/18

Left In: -507.077+/-356.139 χ^2/NDF : 12.7/17

Left: 54.684+/-249.453 χ^2/NDF : 47.4/37

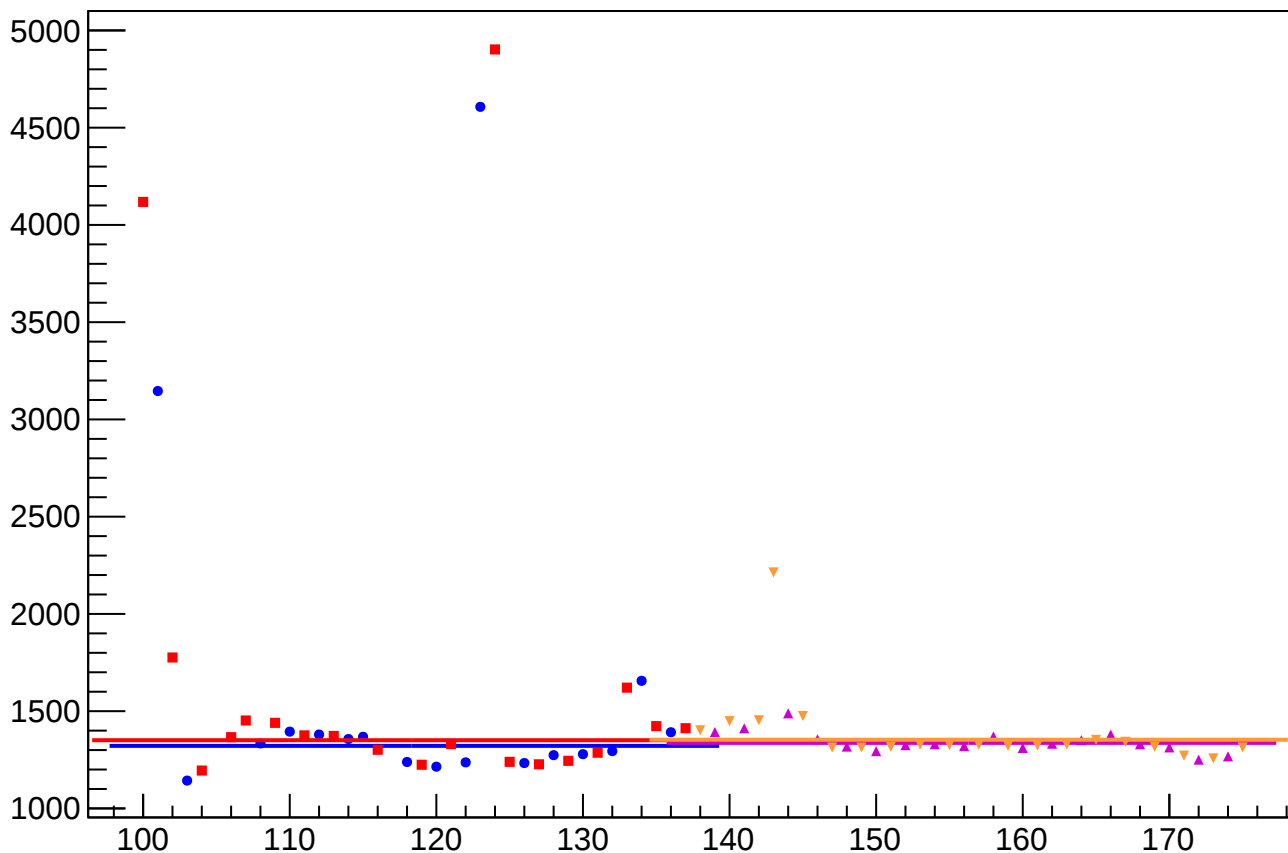
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -458.348+/-294.428 χ^2/NDF : 26.2/34

Out: 285.263+/-290.431 χ^2/NDF : 50.7/38

All: -81.461+/-206.764 χ^2/NDF : 80.1/73

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703 $\pm$ 0.370 χ^2 /NDF: 502245.7/16

Left Out: 1353.226 $\pm$ 0.247 χ^2 /NDF: 281481.9/19

Right Out: 1350.773 $\pm$ 0.369 χ^2 /NDF: 349883.8/18

Left In: 1337.064 $\pm$ 0.252 χ^2 /NDF: 43507.9/17

Left: 1345.297 $\pm$ 0.176 χ^2 /NDF: 327088.1/37

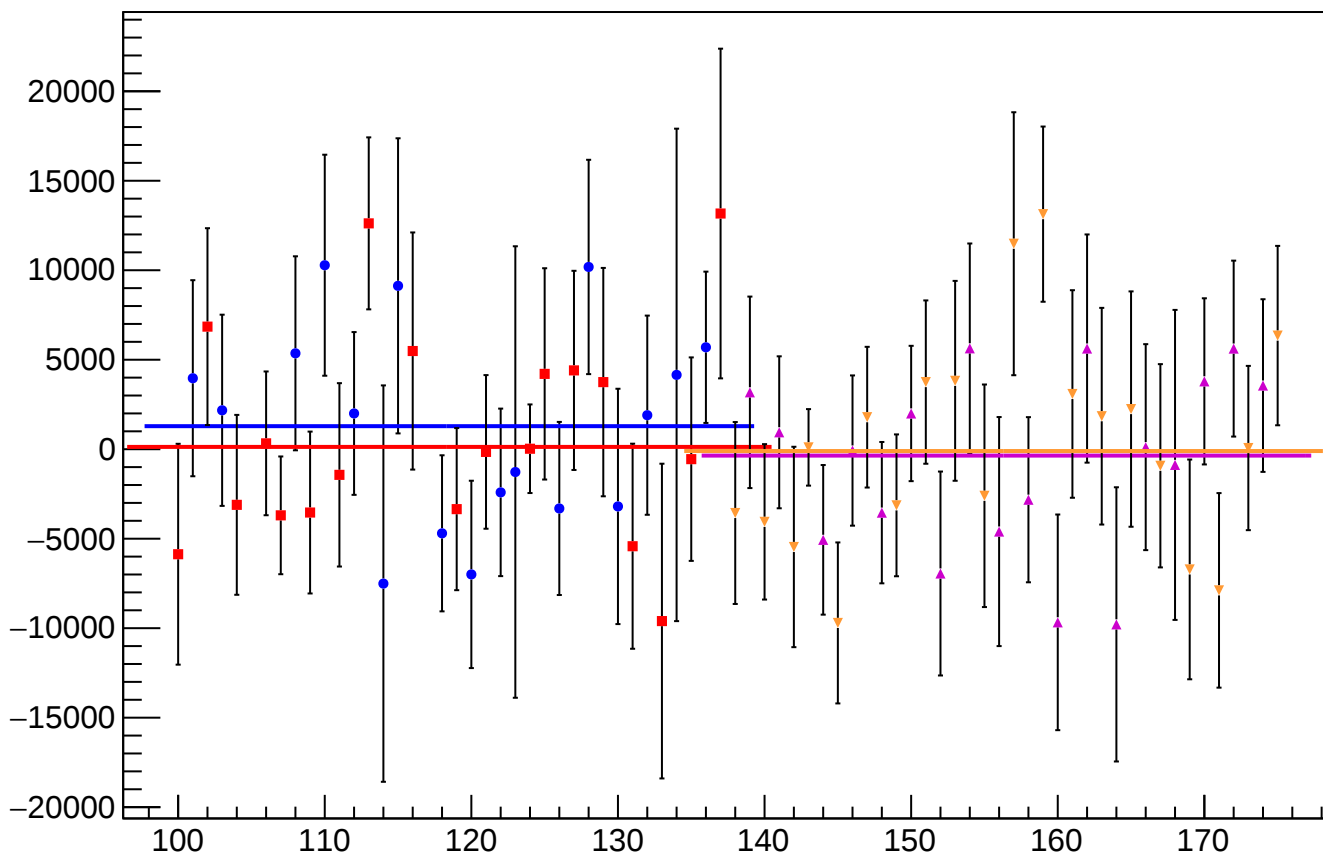
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1332.201 $\pm$ 0.208 χ^2 /NDF: 546931.4/34

Out: 1352.466 $\pm$ 0.205 χ^2 /NDF: 631396.3/38

All: 1342.474 $\pm$ 0.146 χ^2 /NDF: 1183130.6/73

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: -101.738+/-1028.494 χ^2/NDF : 24.2/19

Right Out: 128.973+/-1088.247 χ^2/NDF : 18.5/18

Left In: -356.583+/-1183.964 χ^2/NDF : 13.7/17

Left: -211.341+/-776.445 χ^2/NDF : 37.9/37

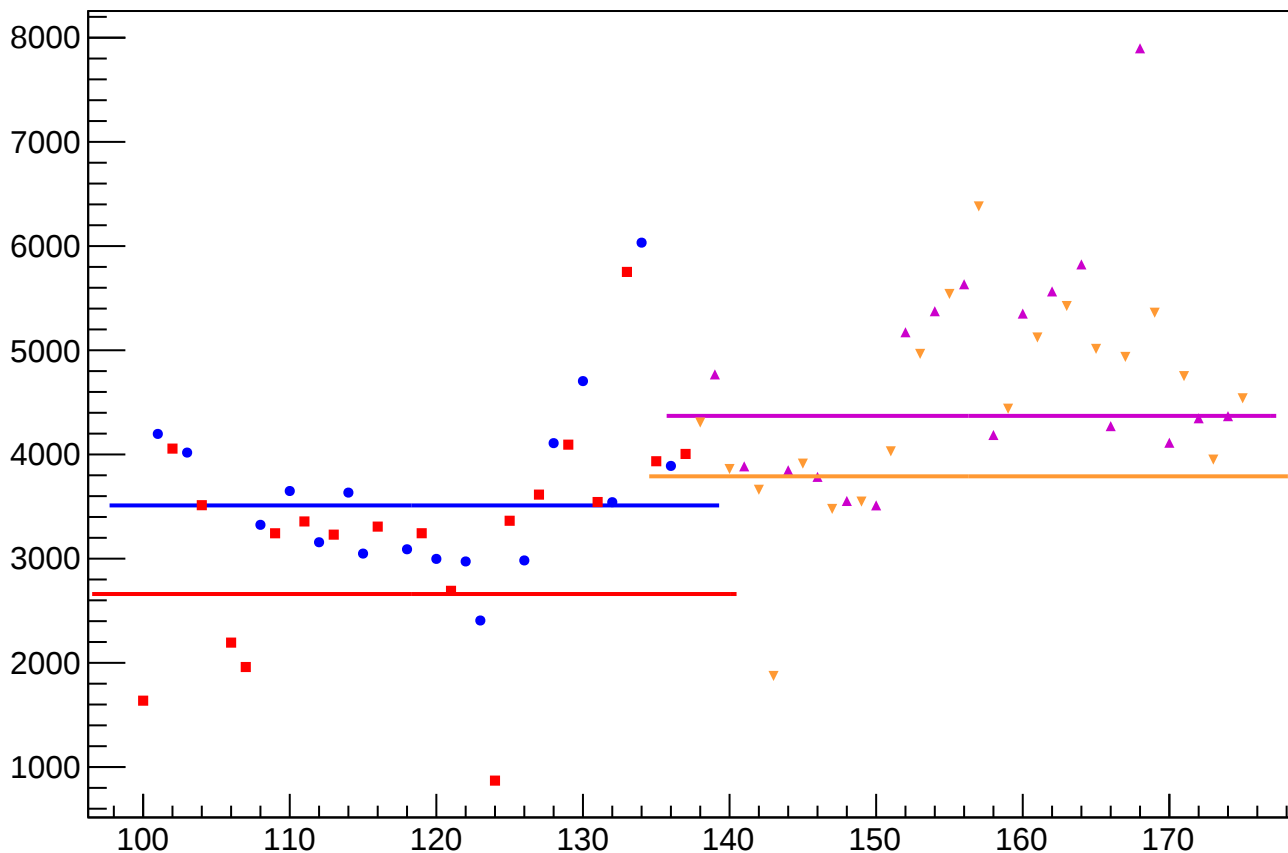
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 342.901+/-897.428 χ^2/NDF : 28.8/34

Out: 7.110+/-747.487 χ^2/NDF : 42.7/38

All: 144.649+/-574.352 χ^2/NDF : 71.6/73

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799 $\pm$ 0.973 χ^2 /NDF: 344054.4/16

Left Out: 3790.145 $\pm$ 0.727 χ^2 /NDF: 2829333.5/19

Right Out: 2660.636 $\pm$ 0.770 χ^2 /NDF: 2182658.0/18

Left In: 4370.319 $\pm$ 0.837 χ^2 /NDF: 1009521.9/17

Left: 4039.663 $\pm$ 0.549 χ^2 /NDF: 4112564.1/37

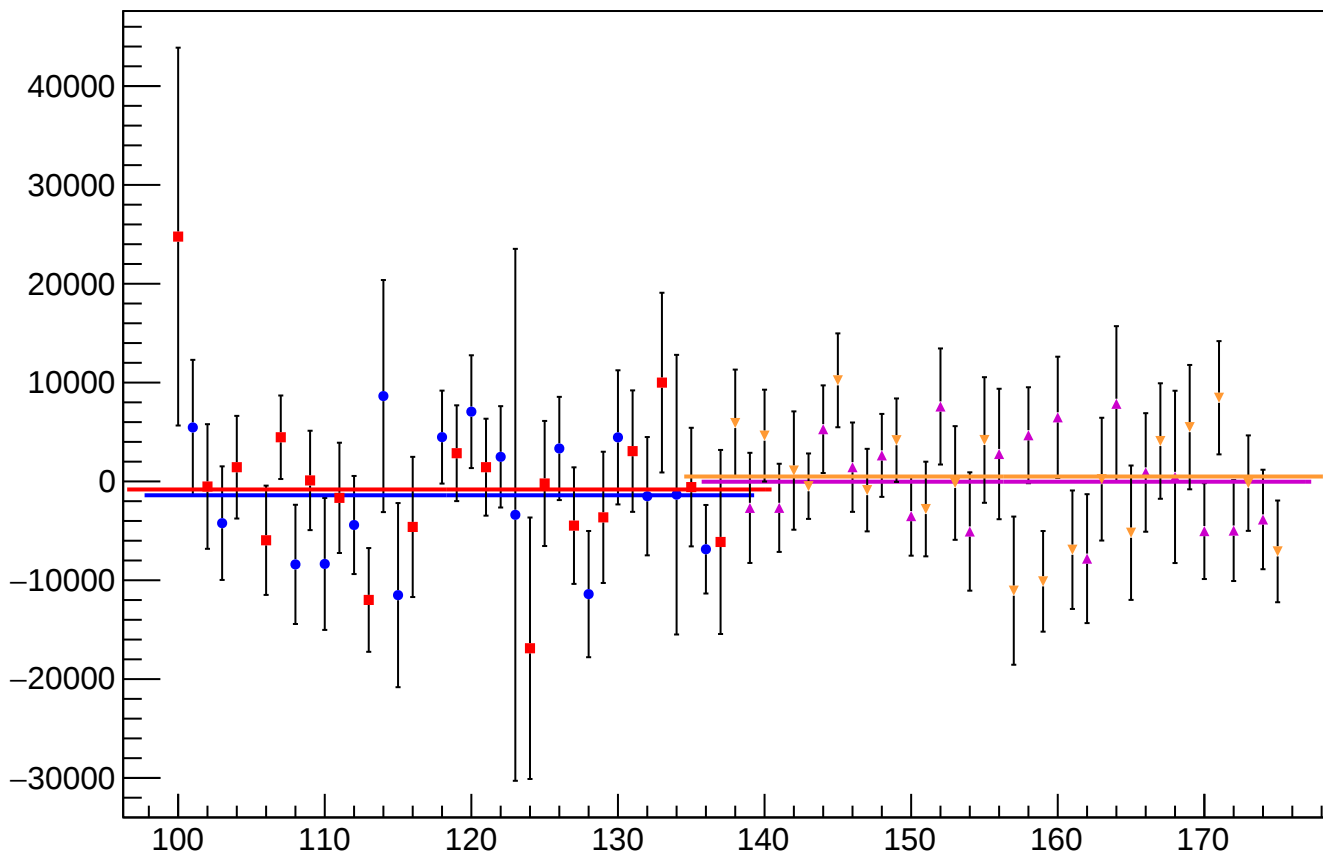
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 4004.630 $\pm$ 0.635 χ^2 /NDF: 1802033.8/34

Out: 3257.250 $\pm$ 0.529 χ^2 /NDF: 6150031.2/38

All: 3563.374 $\pm$ 0.406 χ^2 /NDF: 8771024.7/73

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 $\pm$ 1504.149 χ^2 /NDF: 15.8/16

Left Out: 496.515 $\pm$ 1152.082 χ^2 /NDF: 21.8/19

Right Out: -814.071 $\pm$ 1379.106 χ^2 /NDF: 14.3/18

Left In: -30.333 $\pm$ 1238.960 χ^2 /NDF: 12.9/17

Left: 252.209 $\pm$ 843.688 χ^2 /NDF: 34.9/37

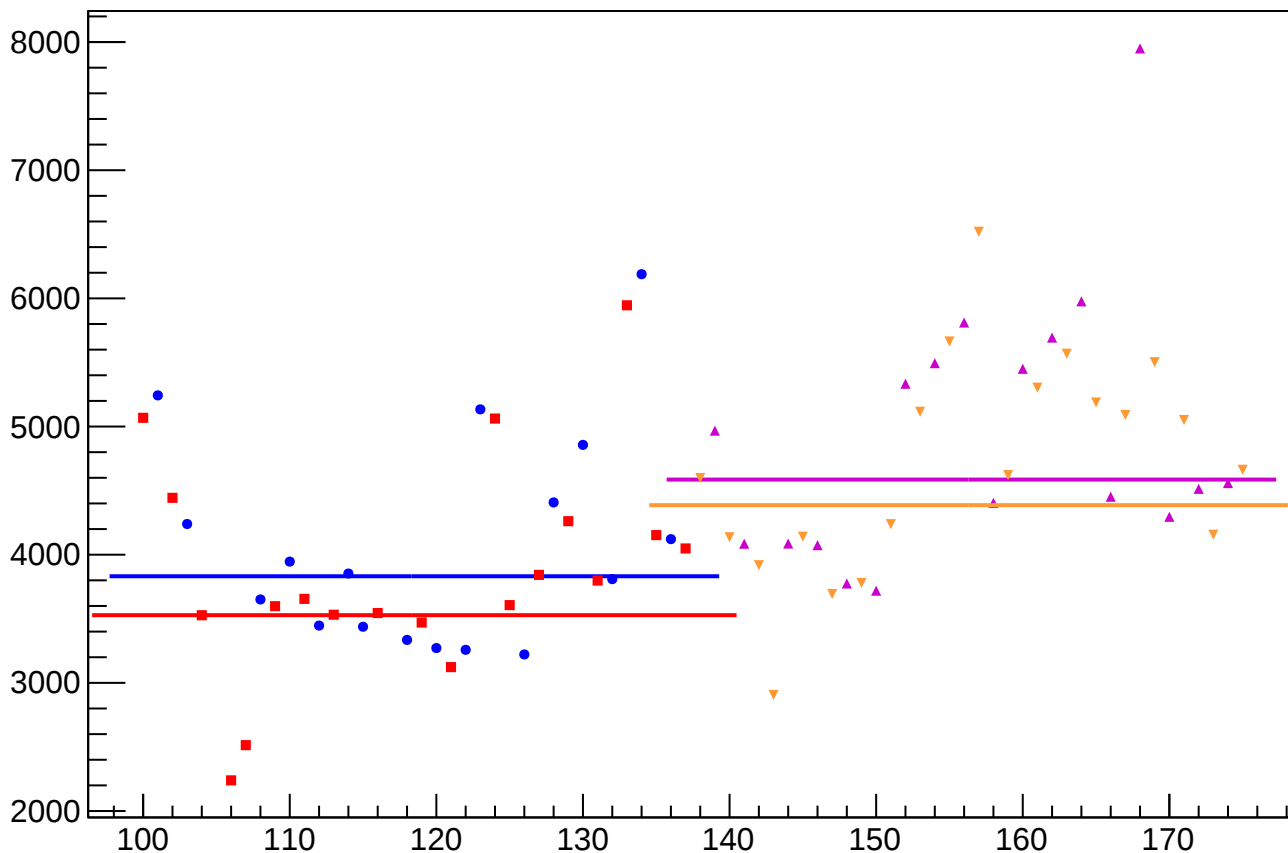
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -584.563 $\pm$ 956.313 χ^2 /NDF: 29.2/34

Out: -42.169 $\pm$ 884.162 χ^2 /NDF: 36.6/38

All: -292.135 $\pm$ 649.207 χ^2 /NDF: 66.1/73

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 4386.563+/-0.815 χ^2/NDF : 1080069.2/19

Right Out: 3528.100+/-0.966 χ^2/NDF : 557192.5/18

Left In: 4586.138+/-0.876 χ^2/NDF : 870984.9/17

Left: 4479.109+/-0.597 χ^2/NDF : 1978884.8/37

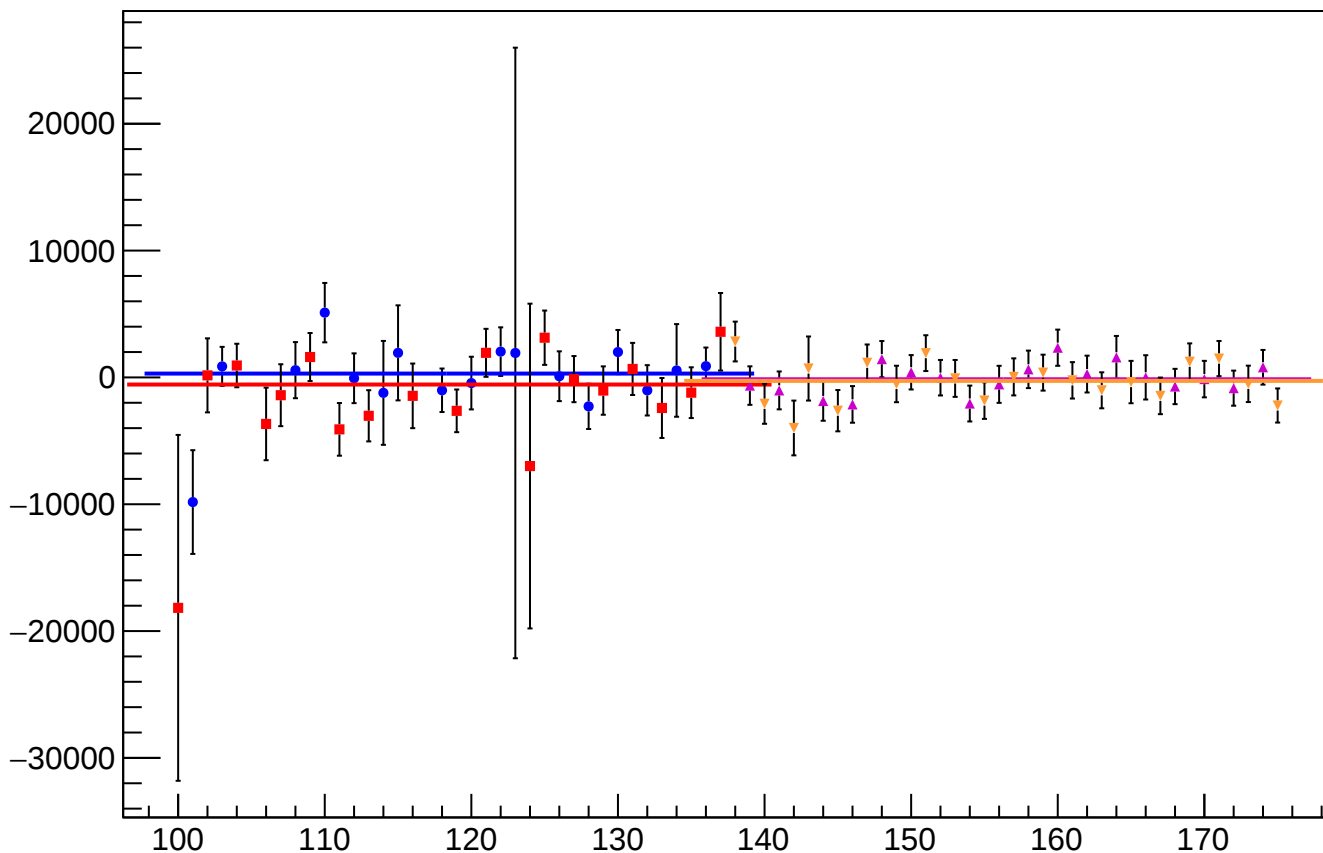
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4281.217+/-0.676 χ^2/NDF : 1508372.2/34

Out: 4029.911+/-0.623 χ^2/NDF : 2098610.7/38

All: 4145.257+/-0.458 χ^2/NDF : 3681705.5/73

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -274.785 $\pm$ 337.117 χ^2 /NDF:21.0/19

Right Out: -562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

Left In: -144.899 $\pm$ 344.077 χ^2 /NDF:12.2/17

Left: -211.169 $\pm$ 240.801 χ^2 /NDF: 33.3/37

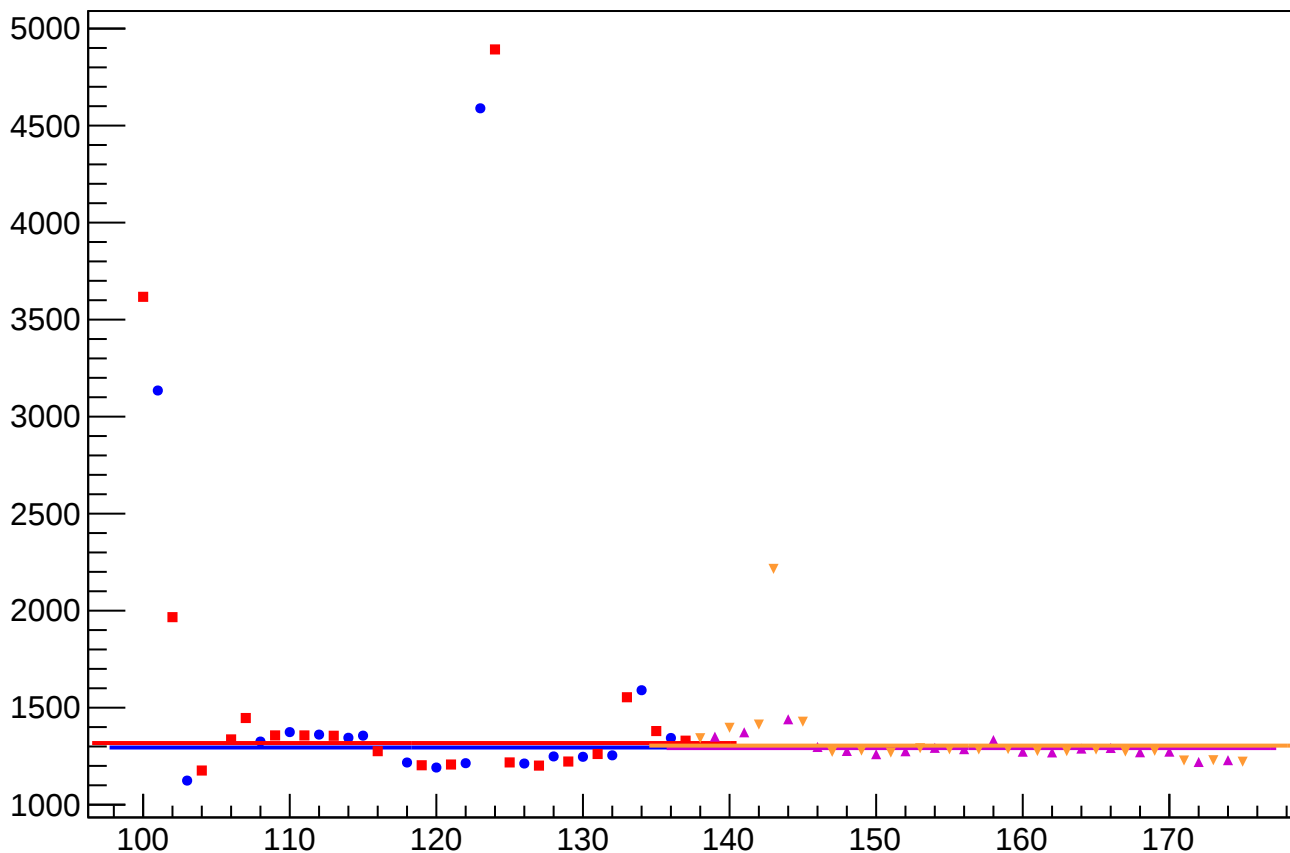
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -6.184 $\pm$ 285.725 χ^2 /NDF:28.8/34

Out: -362.590 $\pm$ 280.949 χ^2 /NDF:40.4/38

All: -187.391 $\pm$ 200.328 χ^2 /NDF: 70.0/73

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1304.491+/-0.238 χ^2/NDF : 311355.3/19

Right Out: 1317.789+/-0.359 χ^2/NDF : 390807.4/18

Left In: 1291.695+/-0.243 χ^2/NDF : 41393.8/17

Left: 1298.223+/-0.170 χ^2/NDF : 354160.3/37

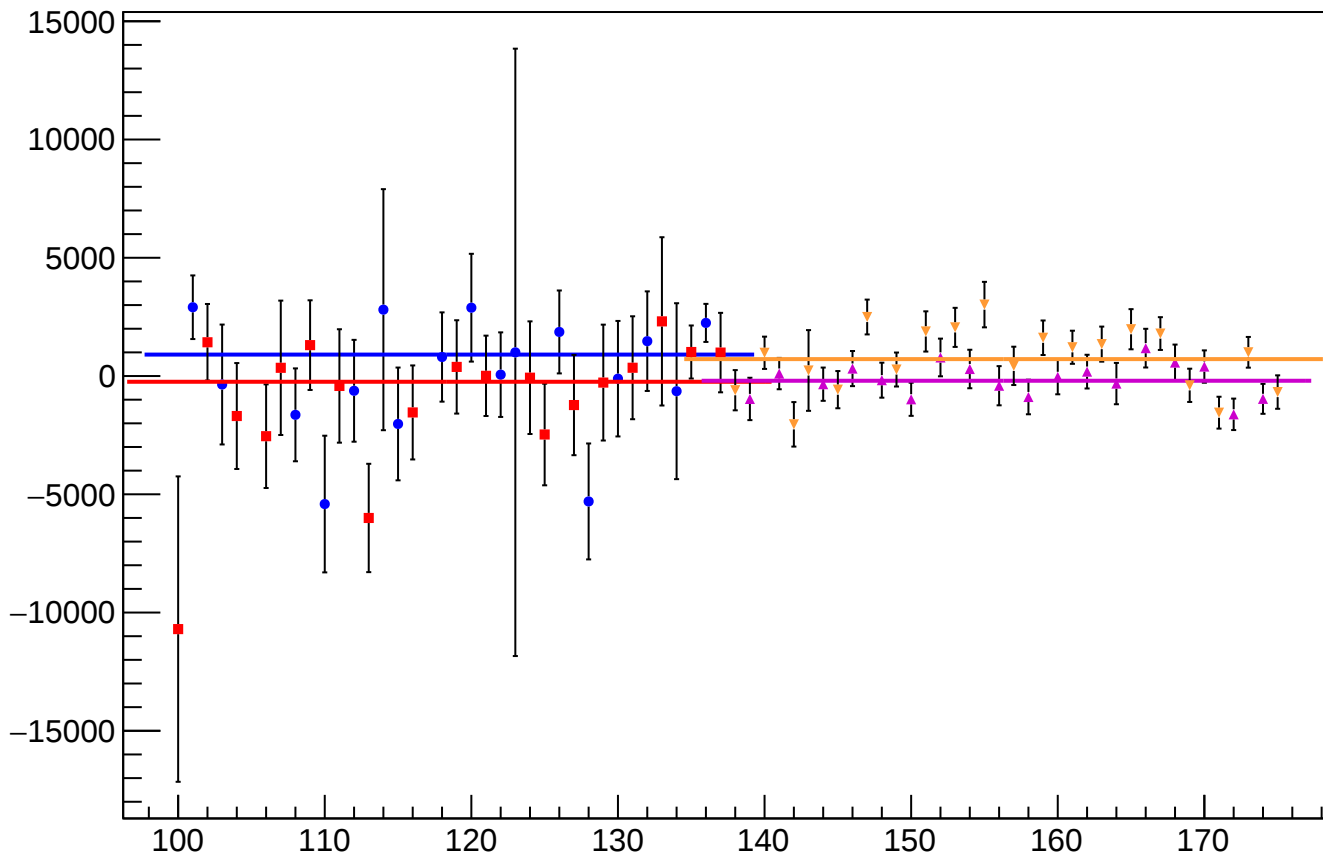
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1292.637+/-0.202 χ^2/NDF : 549246.0/34

Out: 1308.553+/-0.199 χ^2/NDF : 703113.4/38

All: 1300.729+/-0.142 χ^2/NDF : 1255514.6/73

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 715.398 $\pm$ 172.366 χ^2 /NDF:55.8/19

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -199.704 $\pm$ 174.402 χ^2 /NDF:16.6/17

Left: 263.220 $\pm$ 122.595 χ^2 /NDF: 86.3/37

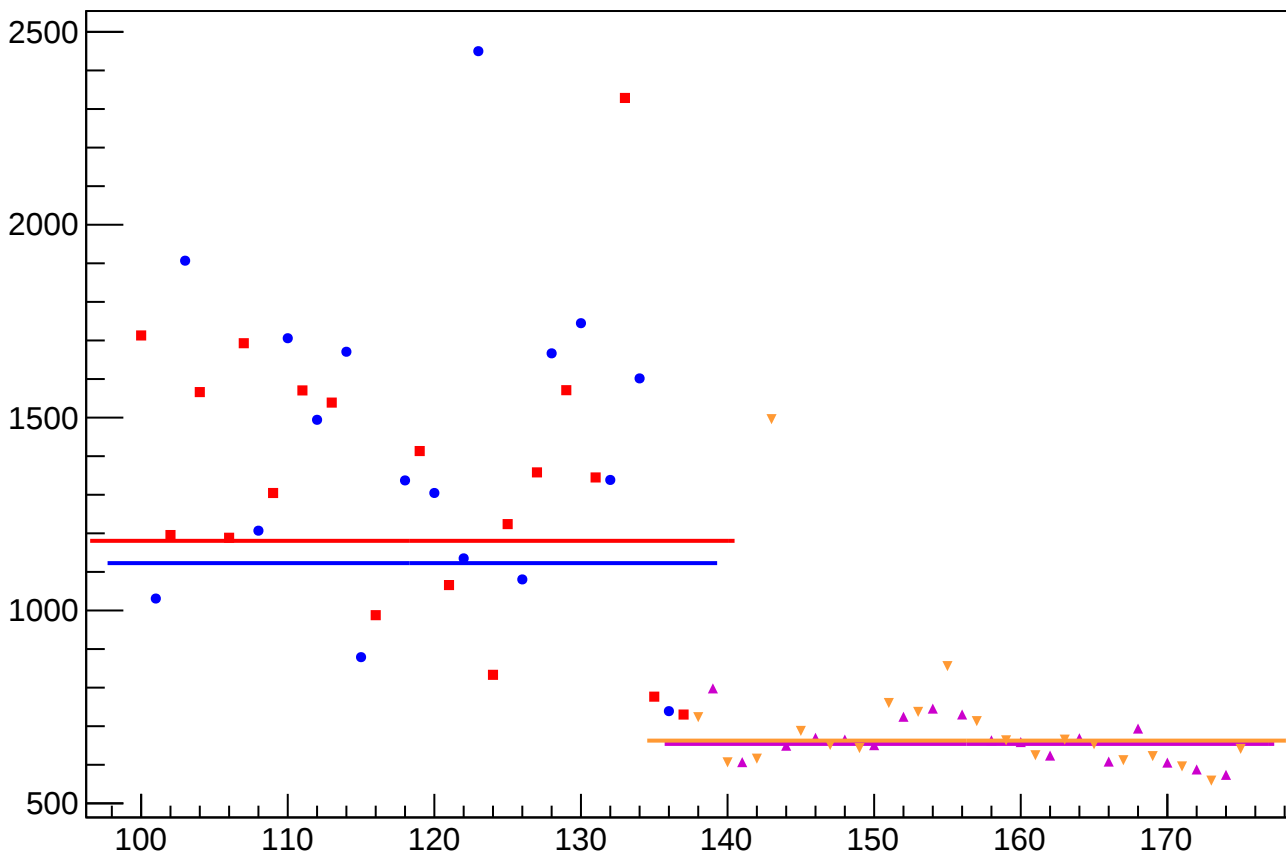
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: -58.430 $\pm$ 162.888 χ^2 /NDF:43.7/34

Out: 598.973 $\pm$ 161.550 χ^2 /NDF:76.1/38

All: 272.982 $\pm$ 114.703 χ^2 /NDF: 128.0/73

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 662.636+/-0.122 χ^2/NDF : 736429.9/19

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 654.092+/-0.123 χ^2/NDF : 199583.2/17

Left: 658.414+/-0.087 χ^2/NDF : 938441.3/37

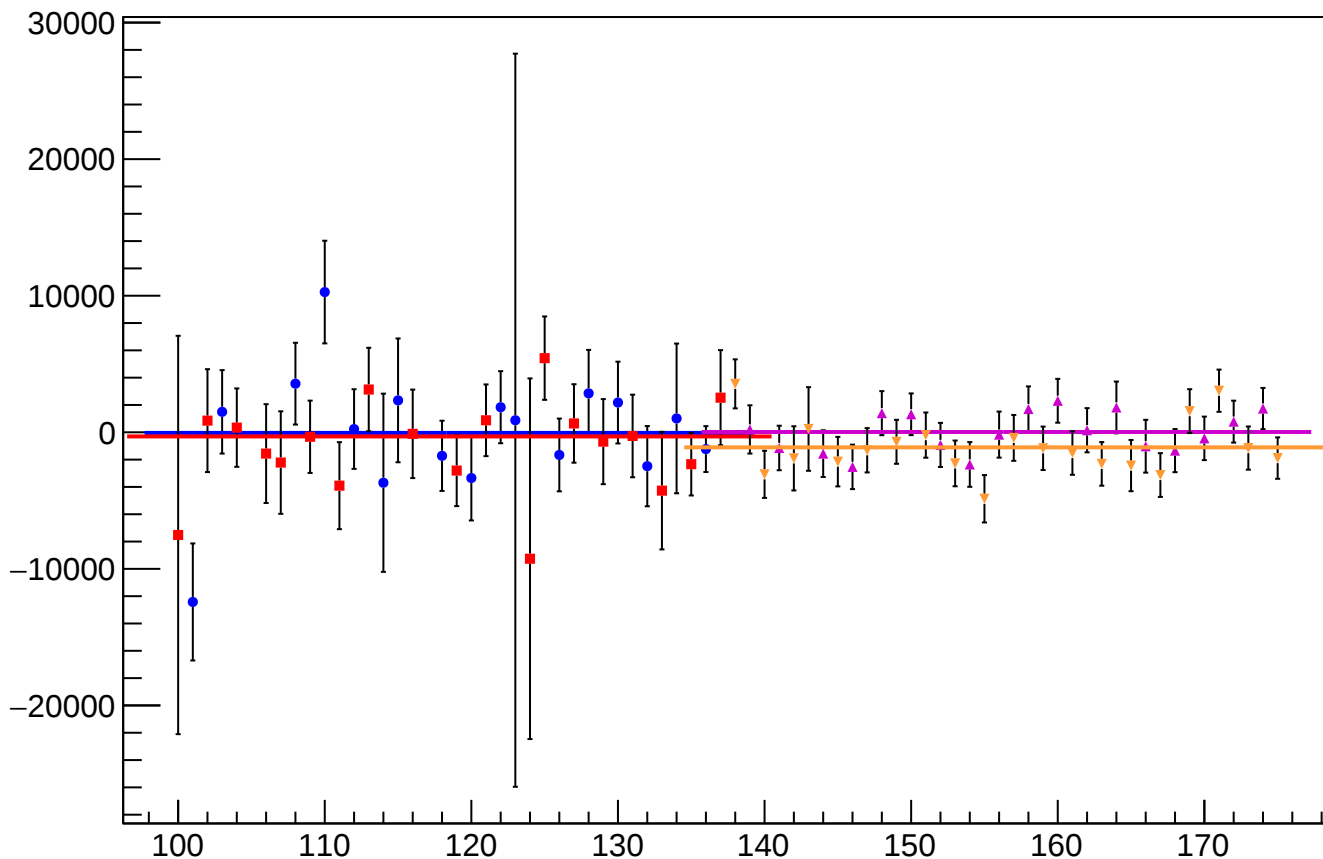
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 713.937+/-0.115 χ^2/NDF : 3231881.6/34

Out: 725.598+/-0.114 χ^2/NDF : 3966951.6/38

All: 719.816+/-0.081 χ^2/NDF : 7204000.3/73

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -1102.306 ± 380.482 χ^2/NDF : 27.3/19

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: 22.727 ± 386.869 χ^2/NDF : 14.4/17

Left: -549.153 ± 271.271 χ^2/NDF : 46.1/37

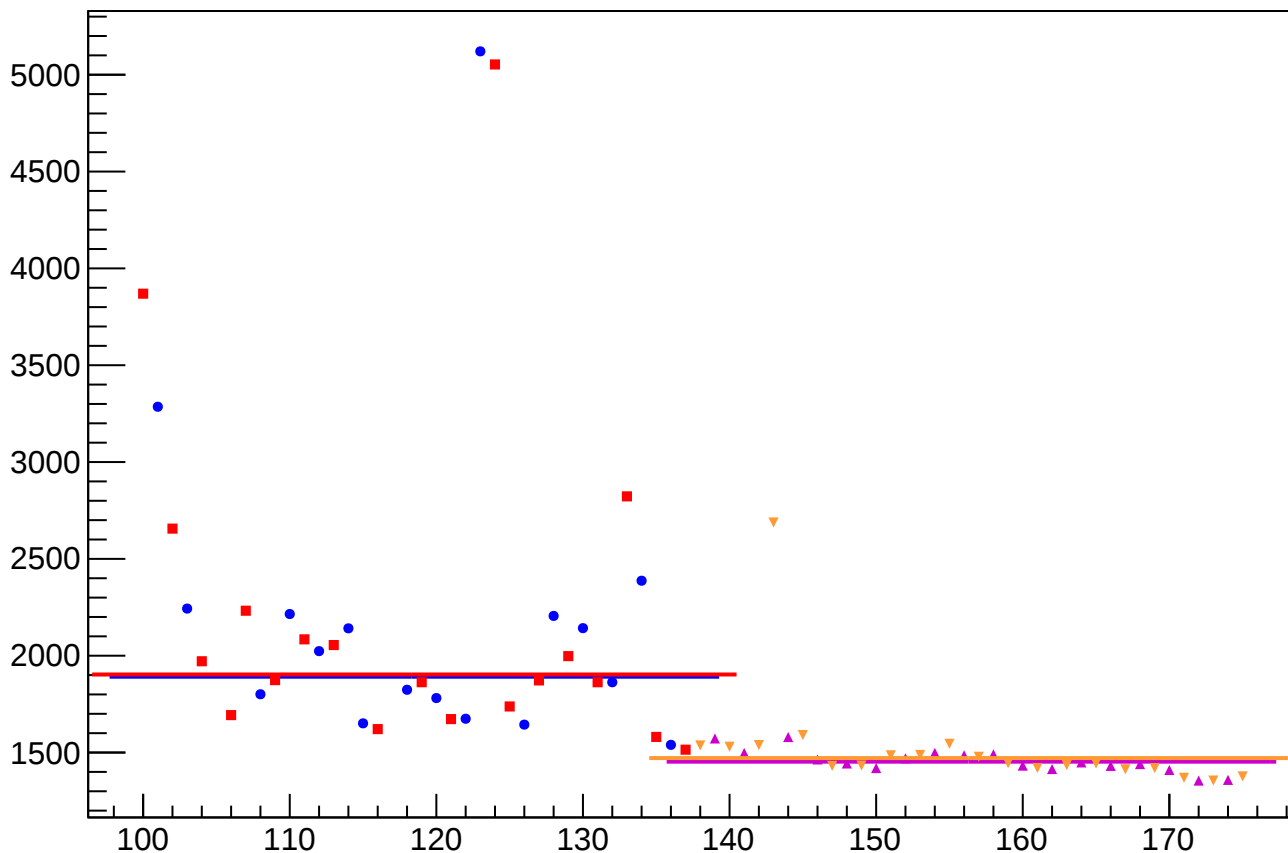
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: 8.555 ± 343.589 χ^2/NDF : 37.6/34

Out: -933.335 ± 337.840 χ^2/NDF : 39.1/38

All: -470.336 ± 240.896 χ^2/NDF : 80.6/73

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1471.408 $\pm$ 0.269 χ^2 /NDF: 372988.7/19

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1452.902 $\pm$ 0.274 χ^2 /NDF: 45622.9/17

Left: 1462.309 $\pm$ 0.192 χ^2 /NDF: 420937.8/37

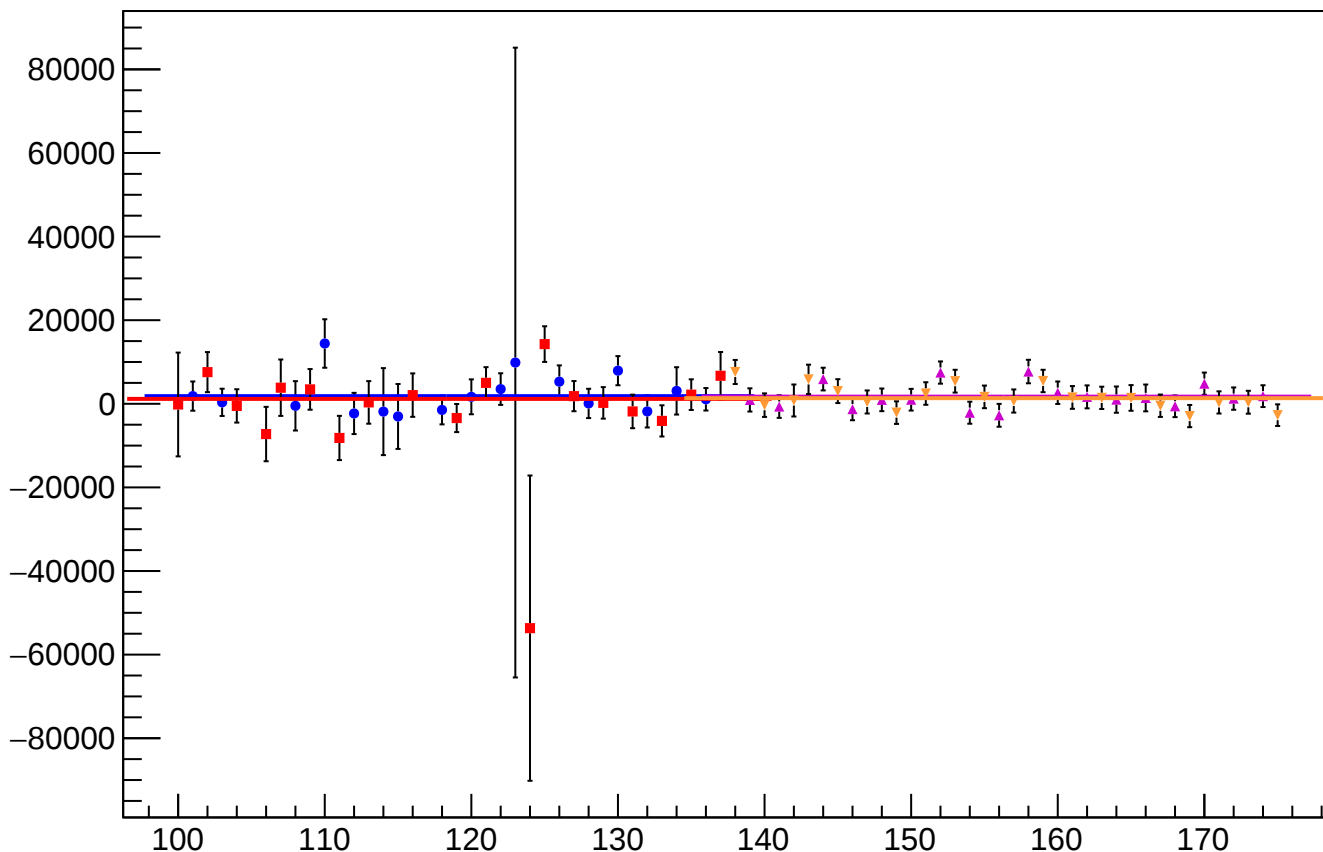
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1545.583 $\pm$ 0.243 χ^2 /NDF: 1058118.8/34

Out: 1562.731 $\pm$ 0.239 χ^2 /NDF: 1377672.7/38

All: 1554.302 $\pm$ 0.170 χ^2 /NDF: 2438324.4/73

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1349.504 $\pm$ 625.782 χ^2 /NDF:19.4/19

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1712.981 $\pm$ 642.658 χ^2 /NDF:21.1/17

Left: 1526.407 $\pm$ 448.342 χ^2 /NDF: 40.7/37

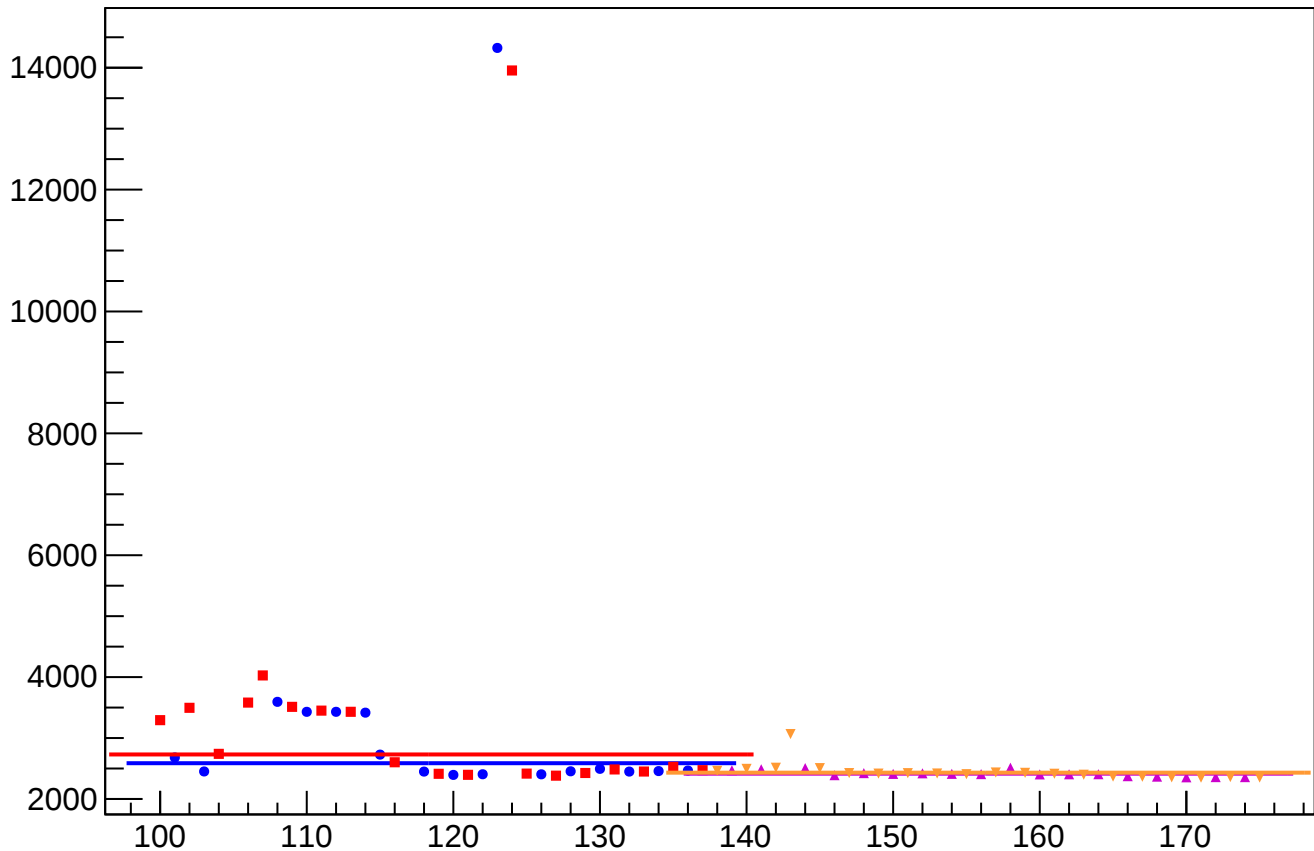
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1745.268 $\pm$ 542.228 χ^2 /NDF:33.7/34

Out: 1303.056 $\pm$ 537.040 χ^2 /NDF:44.9/38

All: 1522.036 $\pm$ 381.566 χ^2 /NDF: 78.9/73

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 ± 0.714 $\chi^2/\text{NDF}: 254112.7/16$

Left Out: 2431.770 ± 0.442 $\chi^2/\text{NDF}: 78090.7/19$

Right Out: 2730.484 ± 0.740 $\chi^2/\text{NDF}: 584993.0/18$

Left In: 2414.877 ± 0.454 $\chi^2/\text{NDF}: 11147.4/17$

Left: 2423.548 ± 0.317 $\chi^2/\text{NDF}: 89947.4/37$

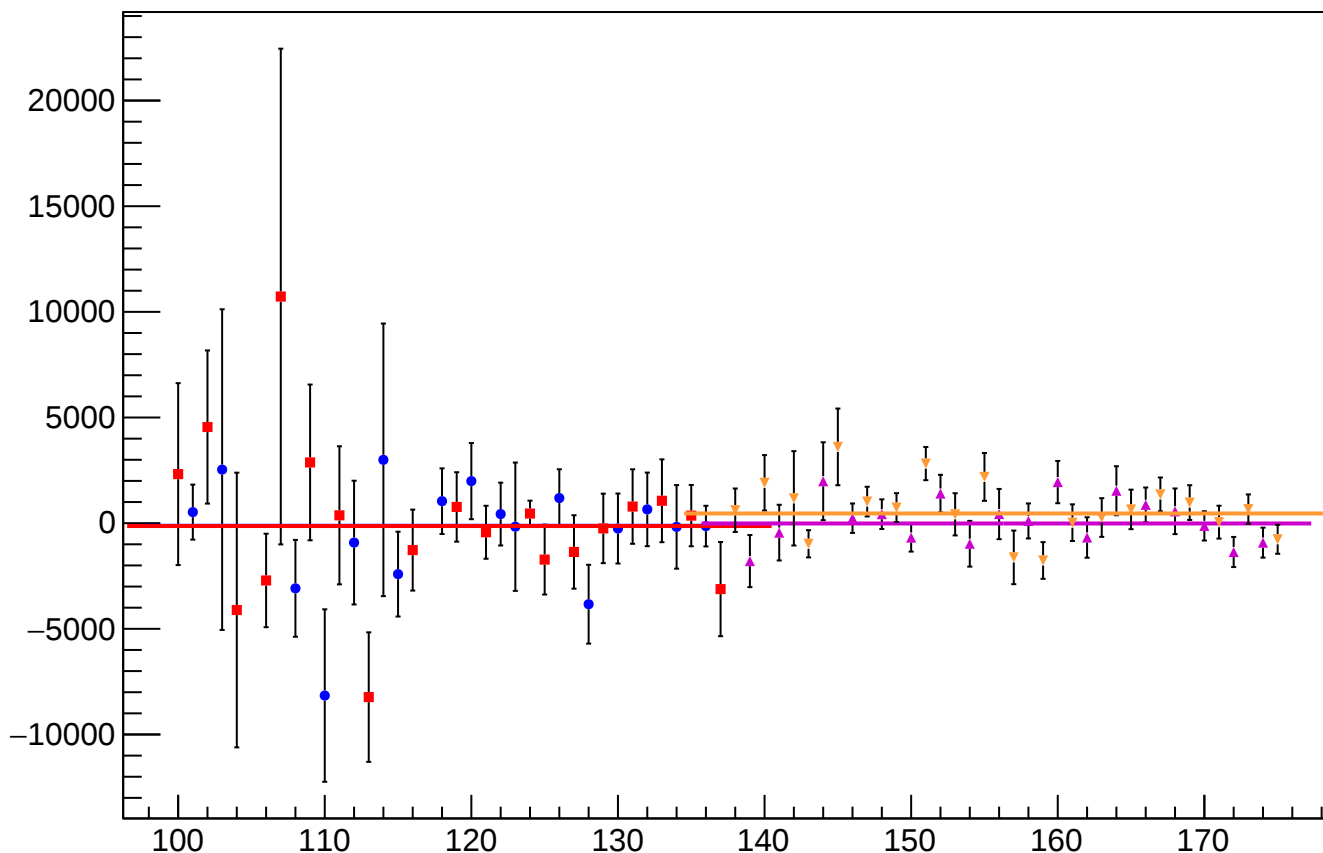
Right: 2656.218 ± 0.514 $\chi^2/\text{NDF}: 858580.5/35$

In: 2464.464 ± 0.383 $\chi^2/\text{NDF}: 306585.2/34$

Out: 2510.484 ± 0.380 $\chi^2/\text{NDF}: 783169.2/38$

All: 2487.695 ± 0.270 $\chi^2/\text{NDF}: 1097026.9/73$

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 459.006+/-194.176 χ^2/NDF : 36.3/19

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: -14.153+/-206.661 χ^2/NDF : 21.2/17

Left: 237.150+/-141.511 χ^2/NDF : 60.3/37

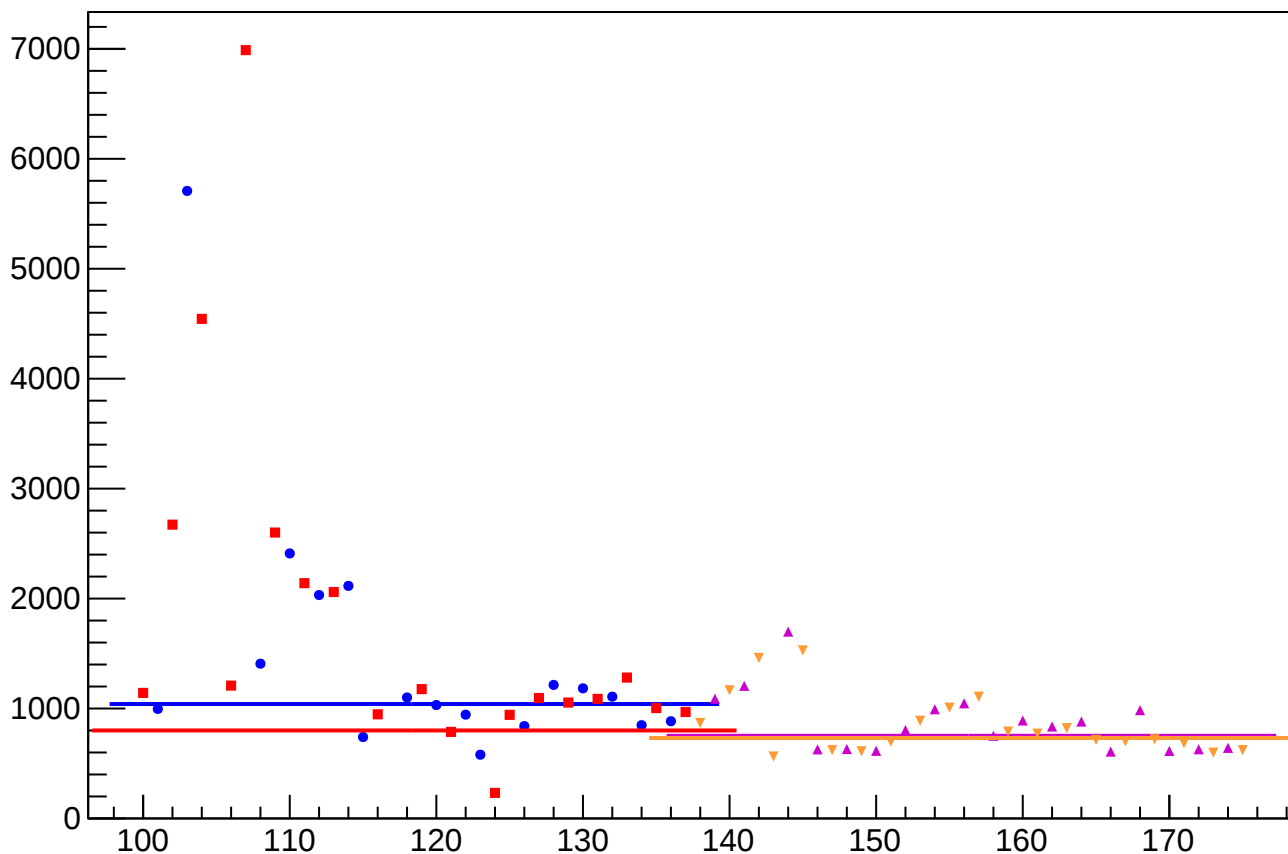
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -34.794+/-186.327 χ^2/NDF : 36.0/34

Out: 335.660+/-172.857 χ^2/NDF : 56.1/38

All: 164.306+/-126.723 χ^2/NDF : 94.2/73

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 731.754+/-0.137 χ^2/NDF : 1618034.7/19

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 751.771+/-0.146 χ^2/NDF : 1772806.6/17

Left: 741.139+/-0.100 χ^2/NDF : 3400806.7/37

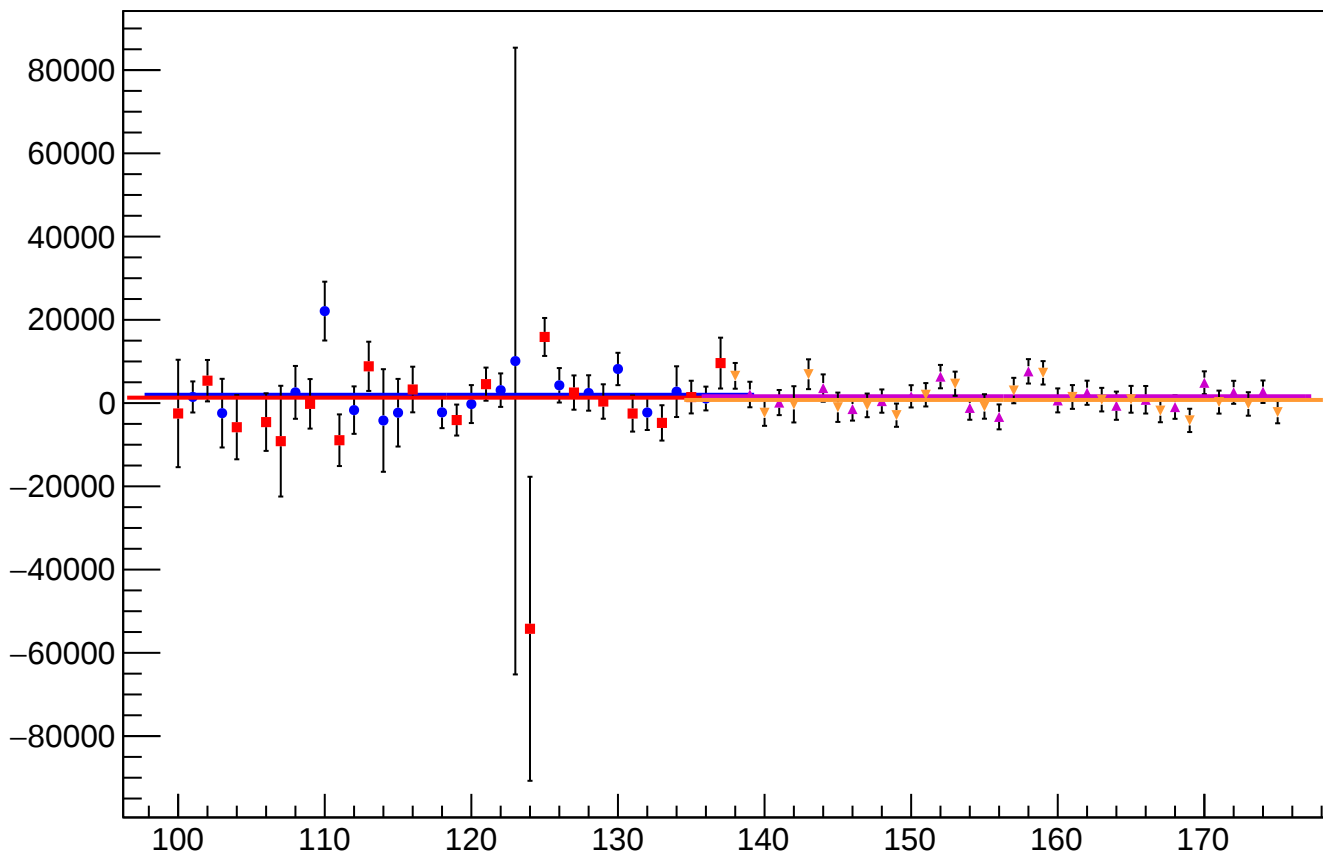
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 805.841+/-0.132 χ^2/NDF : 4077583.8/34

Out: 746.002+/-0.122 χ^2/NDF : 6856947.4/38

All: 773.680+/-0.090 χ^2/NDF : 11045396.8/73

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 754.992+/-665.175 χ^2/NDF : 23.2/19

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1639.892+/-685.555 χ^2/NDF : 16.0/17

Left: 1184.094+/-477.392 χ^2/NDF : 40.0/37

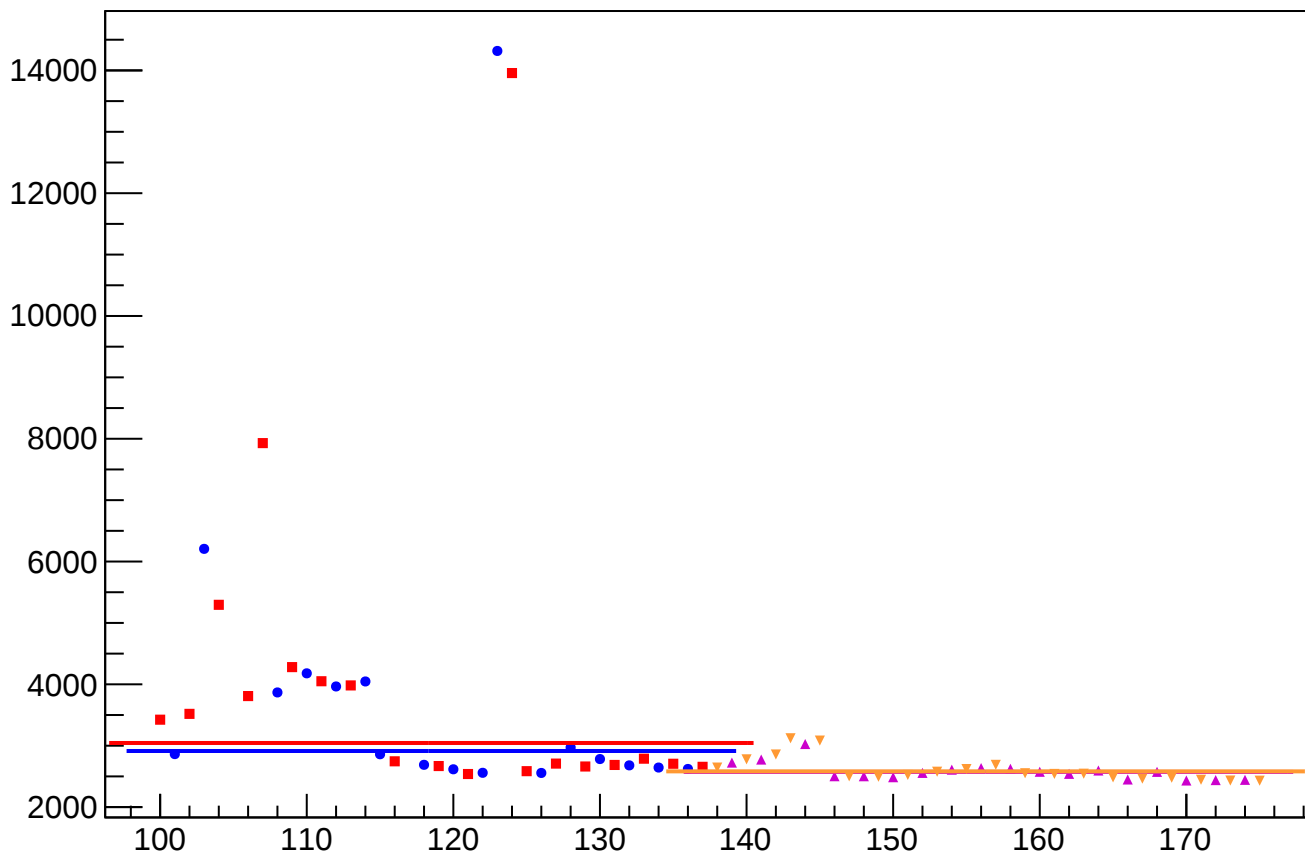
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1732.728+/-589.536 χ^2/NDF : 31.0/34

Out: 885.947+/-580.468 χ^2/NDF : 50.9/38

All: 1302.775+/-413.621 χ^2/NDF : 82.9/73

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2582.027+/-0.470 χ^2/NDF :135758.1/19

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2572.877+/-0.485 χ^2/NDF :76211.1/17

Left: 2577.590+/-0.338 χ^2/NDF : 212152.7/37

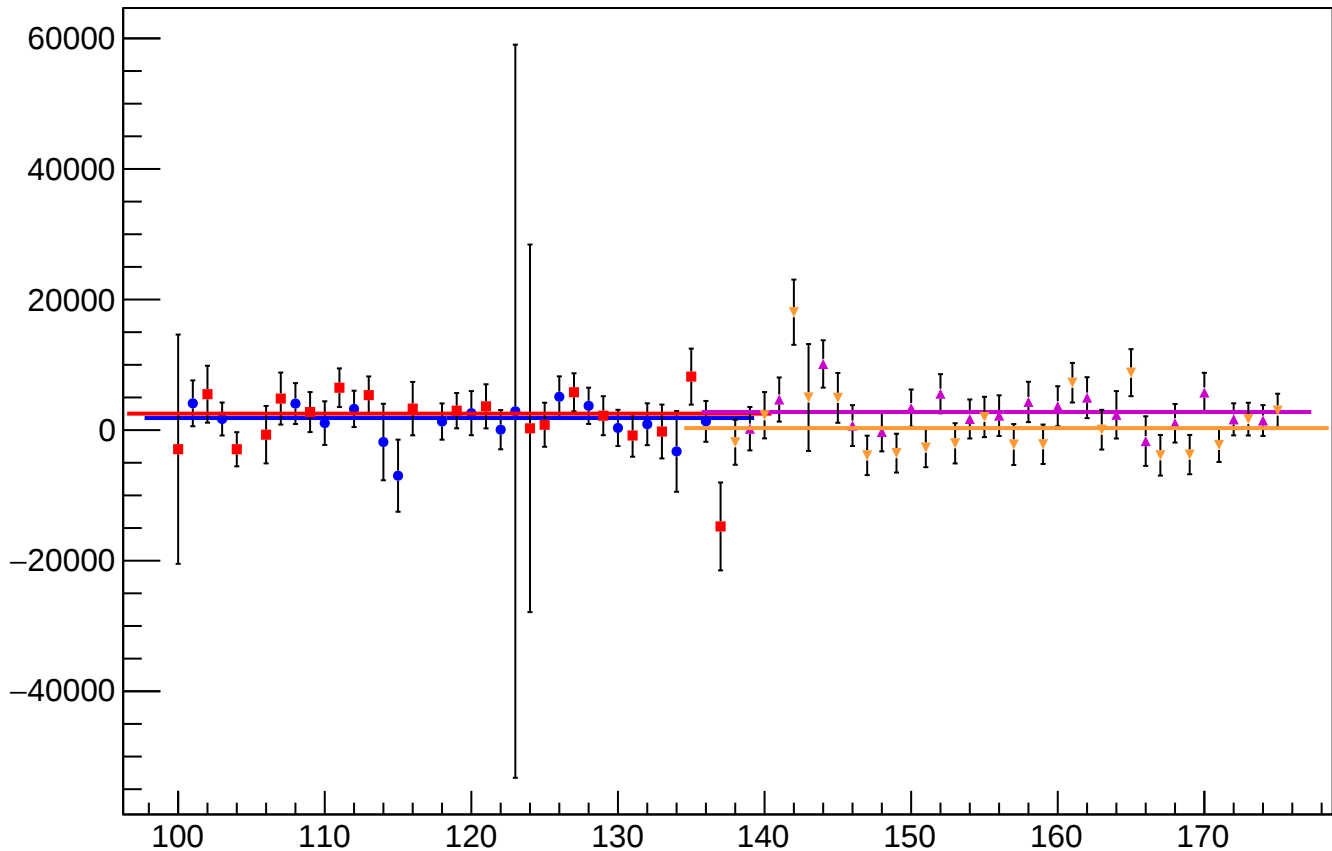
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2661.709+/-0.417 χ^2/NDF :844099.4/34

Out: 2692.309+/-0.410 χ^2/NDF :1371613.9/38

All: 2677.246+/-0.292 χ^2/NDF : 2218449.4/73

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: 309.322 ± 705.932 χ^2/NDF : 38.7/19

Right Out: 2523.303 ± 818.432 χ^2/NDF : 20.1/18

Left In: 2770.684 ± 716.897 χ^2/NDF : 11.6/17

Left: 1521.037 ± 503.001 χ^2/NDF : 56.3/37

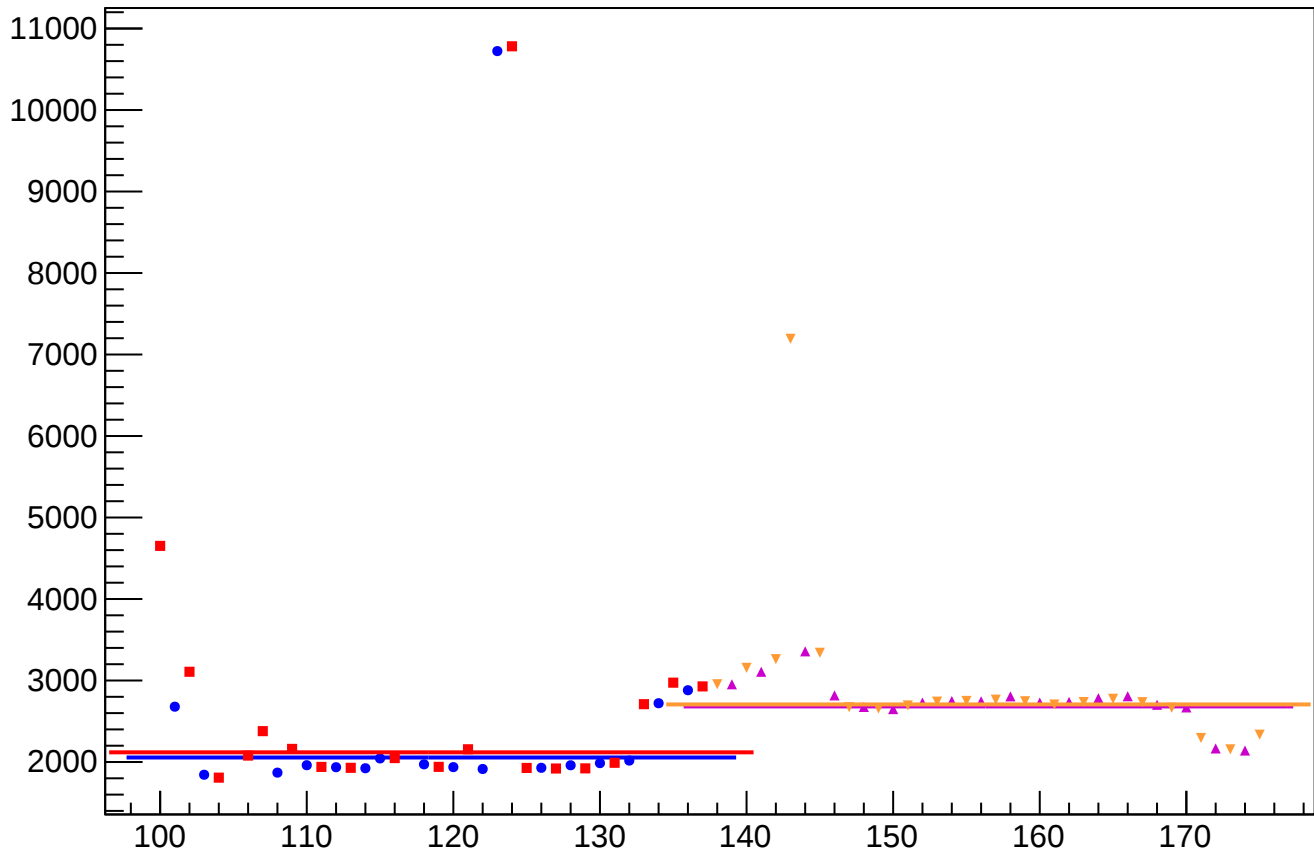
Right: 2181.863 ± 574.547 χ^2/NDF : 27.7/35

In: 2364.495 ± 535.889 χ^2/NDF : 19.6/34

Out: 1253.804 ± 534.555 χ^2/NDF : 63.0/38

All: 1807.766 ± 378.458 χ^2/NDF : 84.8/73

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 2706.576 ± 0.499 χ^2/NDF : 914227.8/19

Right Out: 2118.803 ± 0.578 χ^2/NDF : 573725.8/18

Left In: 2681.968 ± 0.507 χ^2/NDF : 322577.0/17

Left: 2694.462 ± 0.356 χ^2/NDF : 1238001.2/37

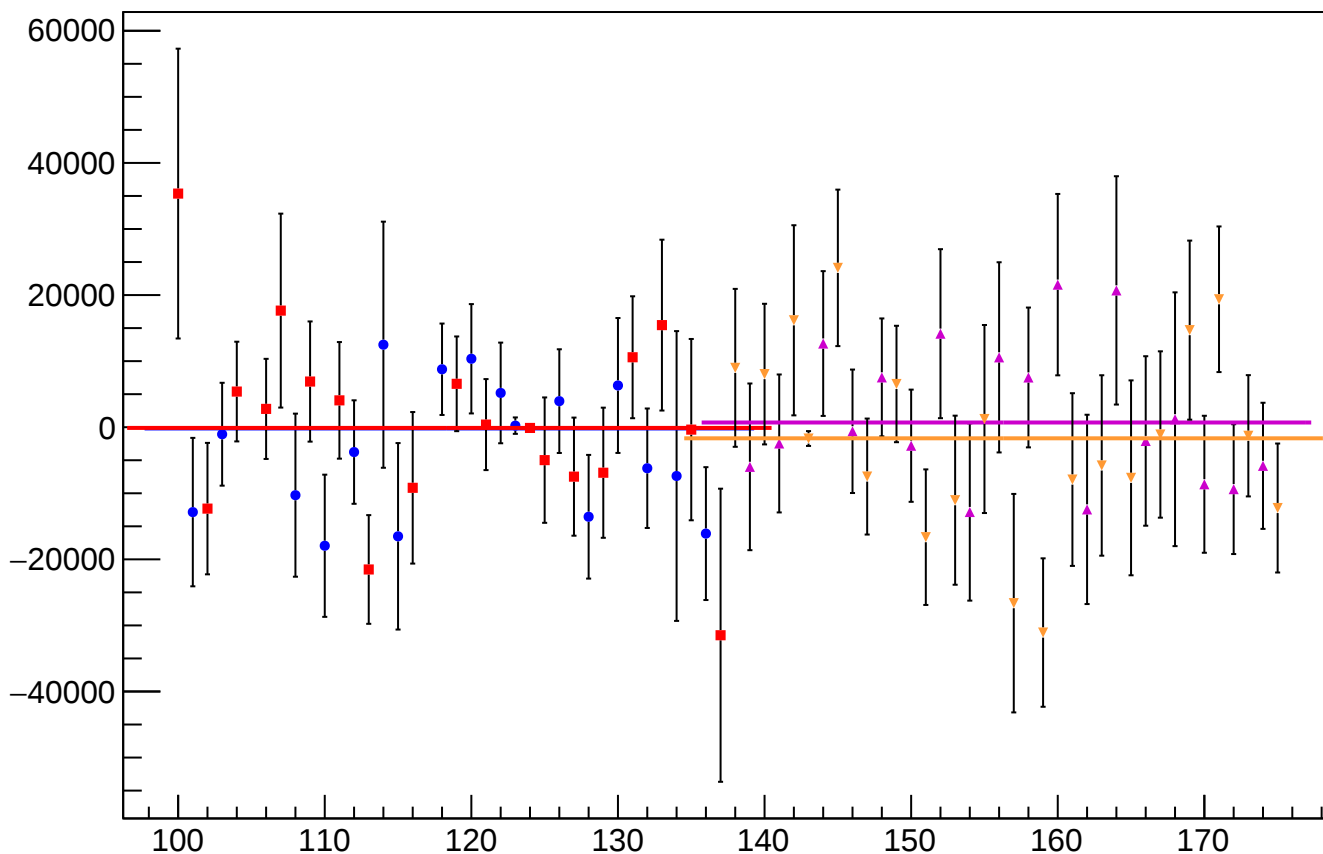
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2405.531 ± 0.379 χ^2/NDF : 1312945.3/34

Out: 2455.402 ± 0.378 χ^2/NDF : 2080454.0/38

All: 2430.544 ± 0.268 χ^2/NDF : 3402087.1/73

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1680.166 ± 1032.563 $\chi^2/\text{NDF}: 27.8/19$

Right Out: -106.733 ± 690.637 $\chi^2/\text{NDF}: 21.6/18$

Left In: 712.518 ± 2671.952 $\chi^2/\text{NDF}: 12.2/17$

Left: -1369.272 ± 963.146 $\chi^2/\text{NDF}: 40.7/37$

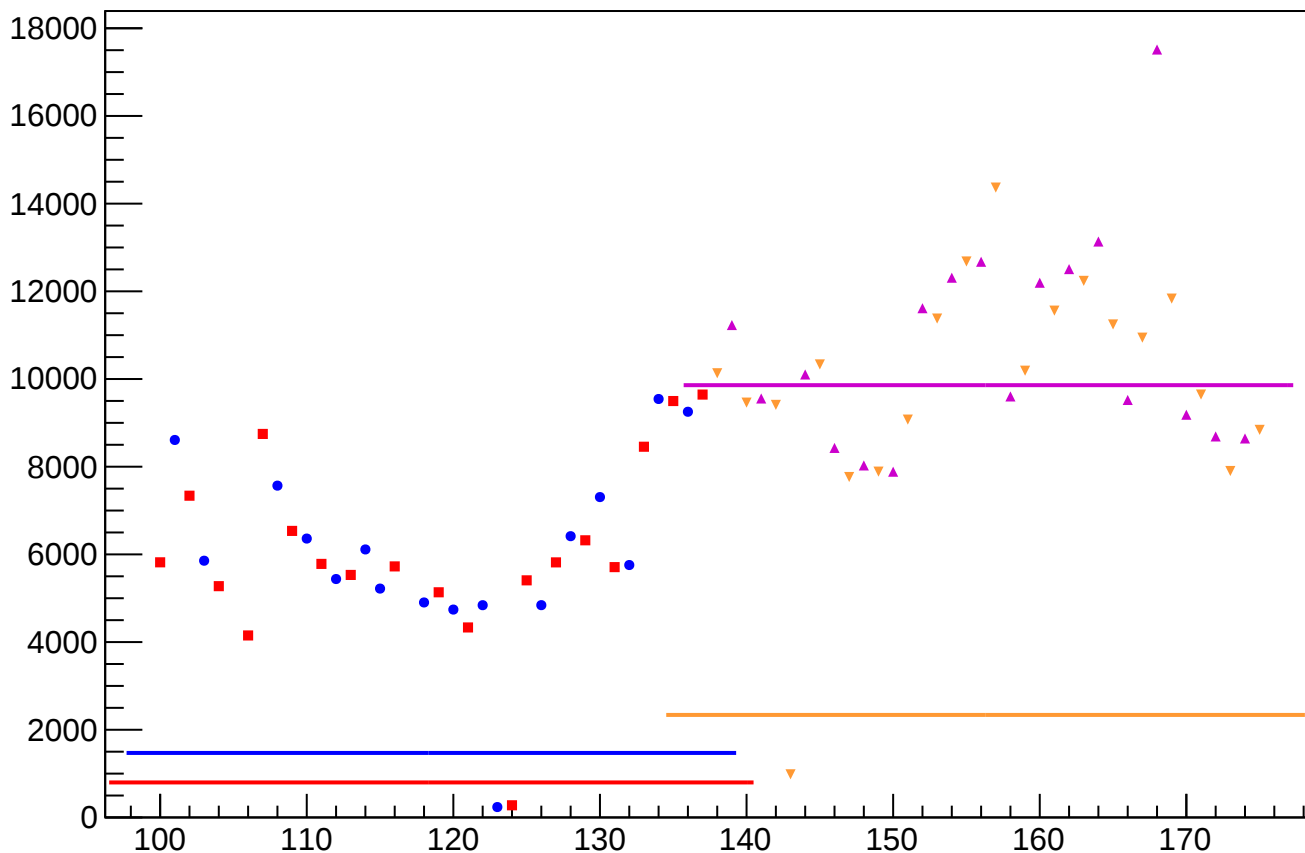
Right: -128.909 ± 585.025 $\chi^2/\text{NDF}: 38.0/35$

In: -54.982 ± 1017.791 $\chi^2/\text{NDF}: 28.7/34$

Out: -593.068 ± 574.064 $\chi^2/\text{NDF}: 51.0/38$

All: -463.202 ± 500.013 $\chi^2/\text{NDF}: 79.9/73$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2338.588 $\pm$ 0.730 χ^2 /NDF: 19758674.2/19

Right Out: 798.642 $\pm$ 0.488 χ^2 /NDF: 11527481.4/18

Left In: 9859.536 $\pm$ 1.889 χ^2 /NDF: 1034189.2/17

Left: 3315.825 $\pm$ 0.681 χ^2 /NDF: 34579850.4/37

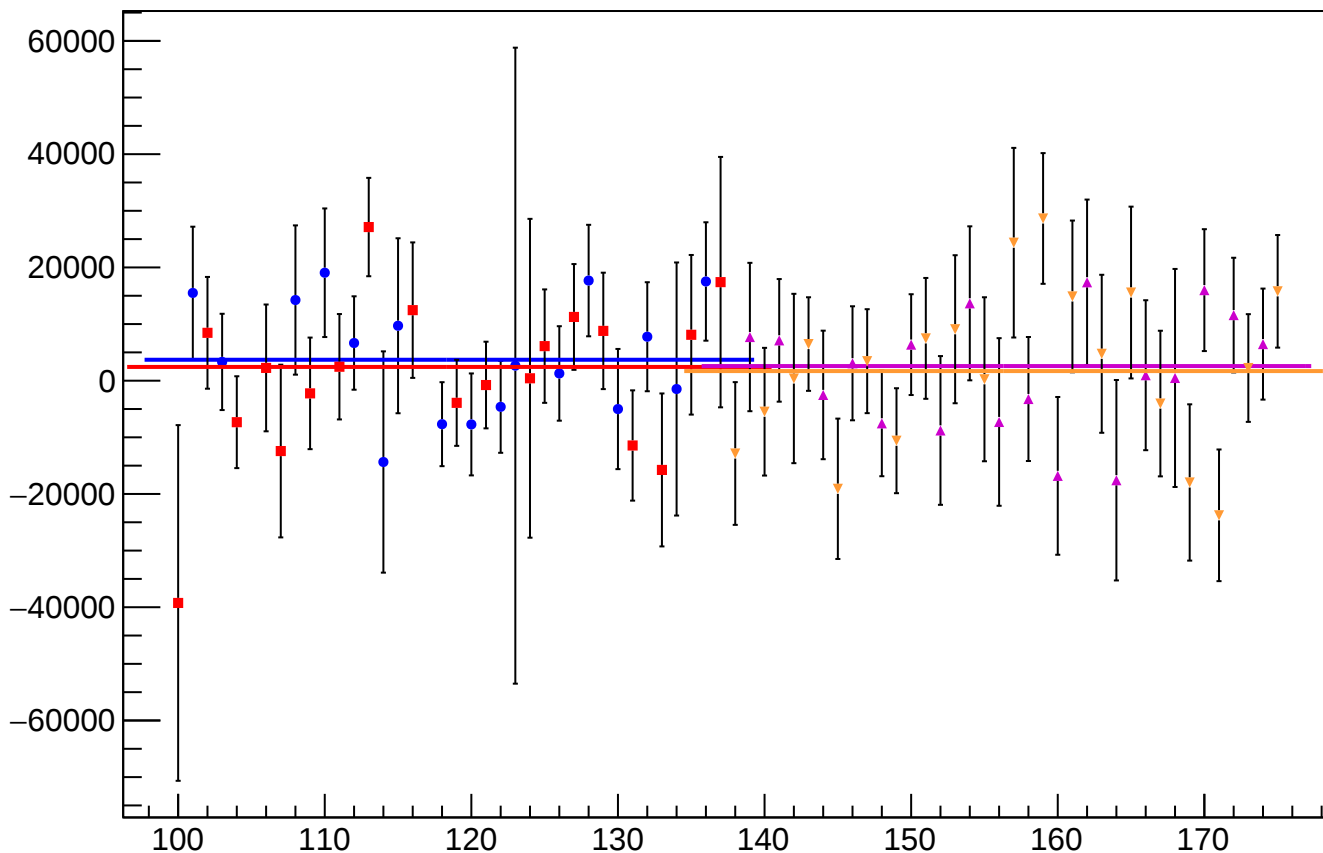
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 2688.676 $\pm$ 0.720 χ^2 /NDF: 27672391.4/34

Out: 1274.626 $\pm$ 0.406 χ^2 /NDF: 34359620.1/38

All: 1615.905 $\pm$ 0.354 χ^2 /NDF: 64960776.7/77

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1697.560+/-2593.005 χ^2/NDF : 25.5/19

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 2585.681+/-2768.860 χ^2/NDF : 10.8/17

Left: 2112.523+/-1892.649 χ^2/NDF : 36.4/37

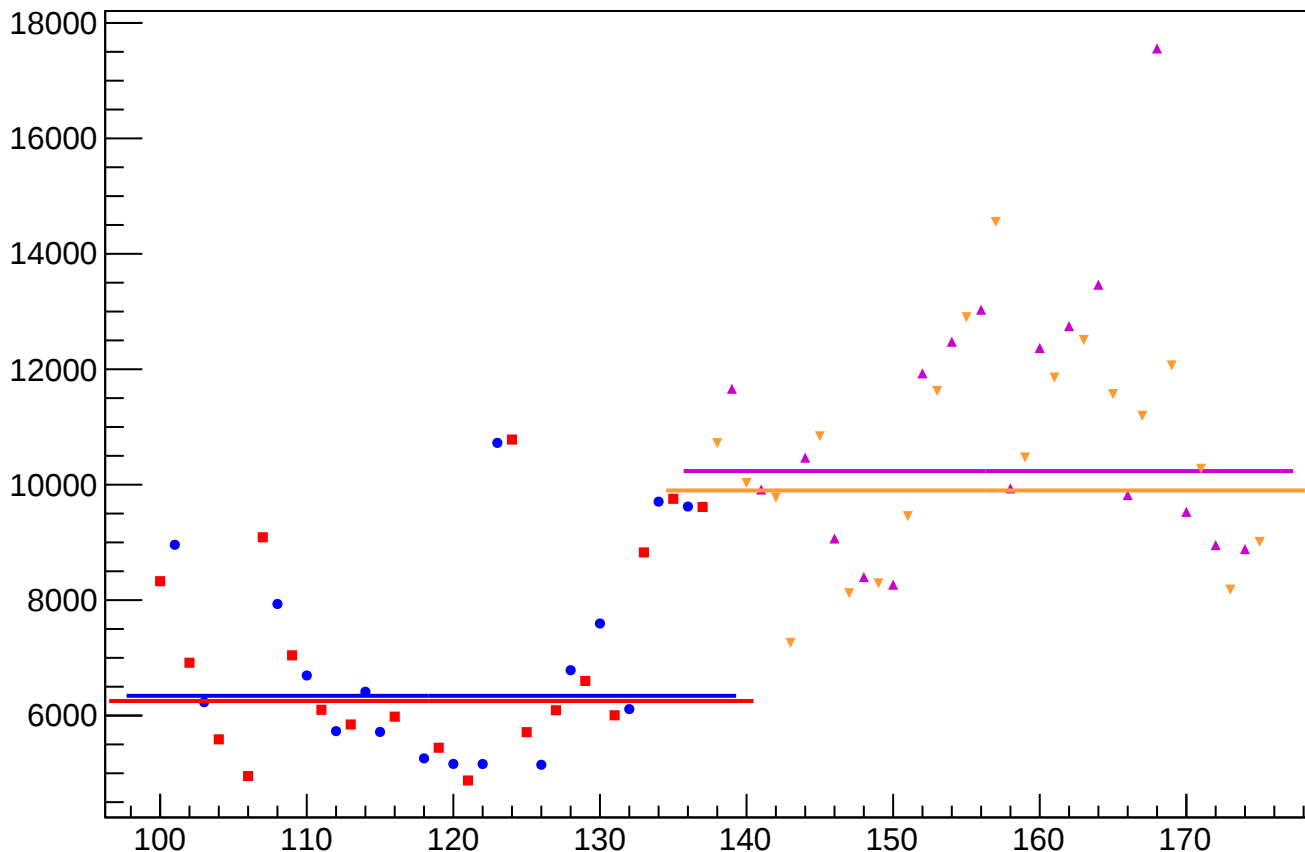
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3194.753+/-1862.862 χ^2/NDF : 25.3/34

Out: 2088.936+/-1769.755 χ^2/NDF : 45.8/38

All: 2613.520+/-1283.059 χ^2/NDF : 71.3/73

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9900.350+/-1.834 χ^2/NDF : 933483.5/19

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10235.774+/-1.958 χ^2/NDF : 931530.5/17

Left: 10057.073+/-1.338 χ^2/NDF : 1880650.8/37

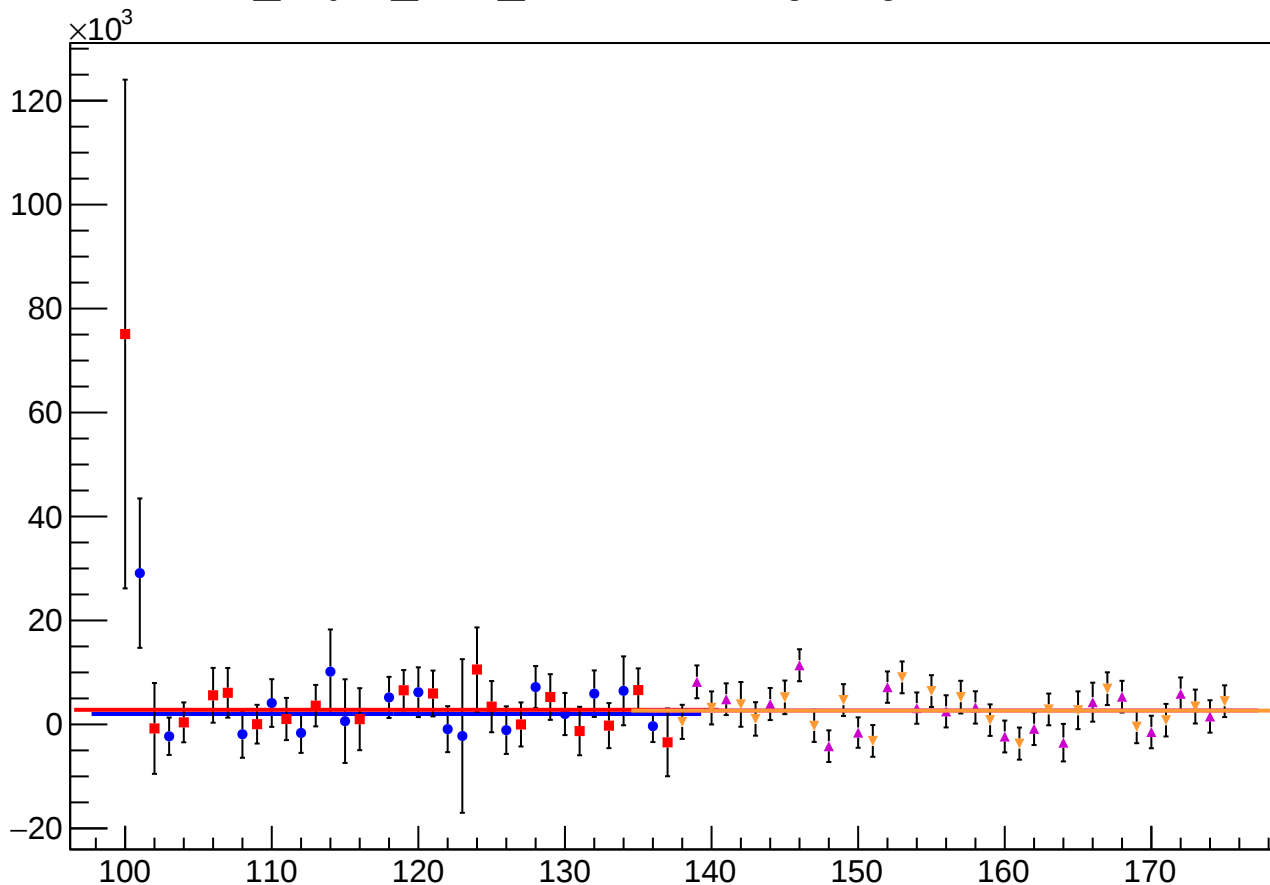
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8104.674+/-1.317 χ^2/NDF : 3689741.3/34

Out: 7951.468+/-1.251 χ^2/NDF : 3586409.6/38

All: 8024.145+/-0.907 χ^2/NDF : 7283261.3/73

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16

Left Out: 2655.186 $\pm$ 712.205 χ^2/NDF : 21.0/19

Right Out: 2811.702 $\pm$ 1086.544 χ^2/NDF : 10.5/18

Left In: 2683.349 $\pm$ 736.820 χ^2/NDF : 31.9/17

Left: 2668.789 $\pm$ 512.086 χ^2/NDF : 53.0/37

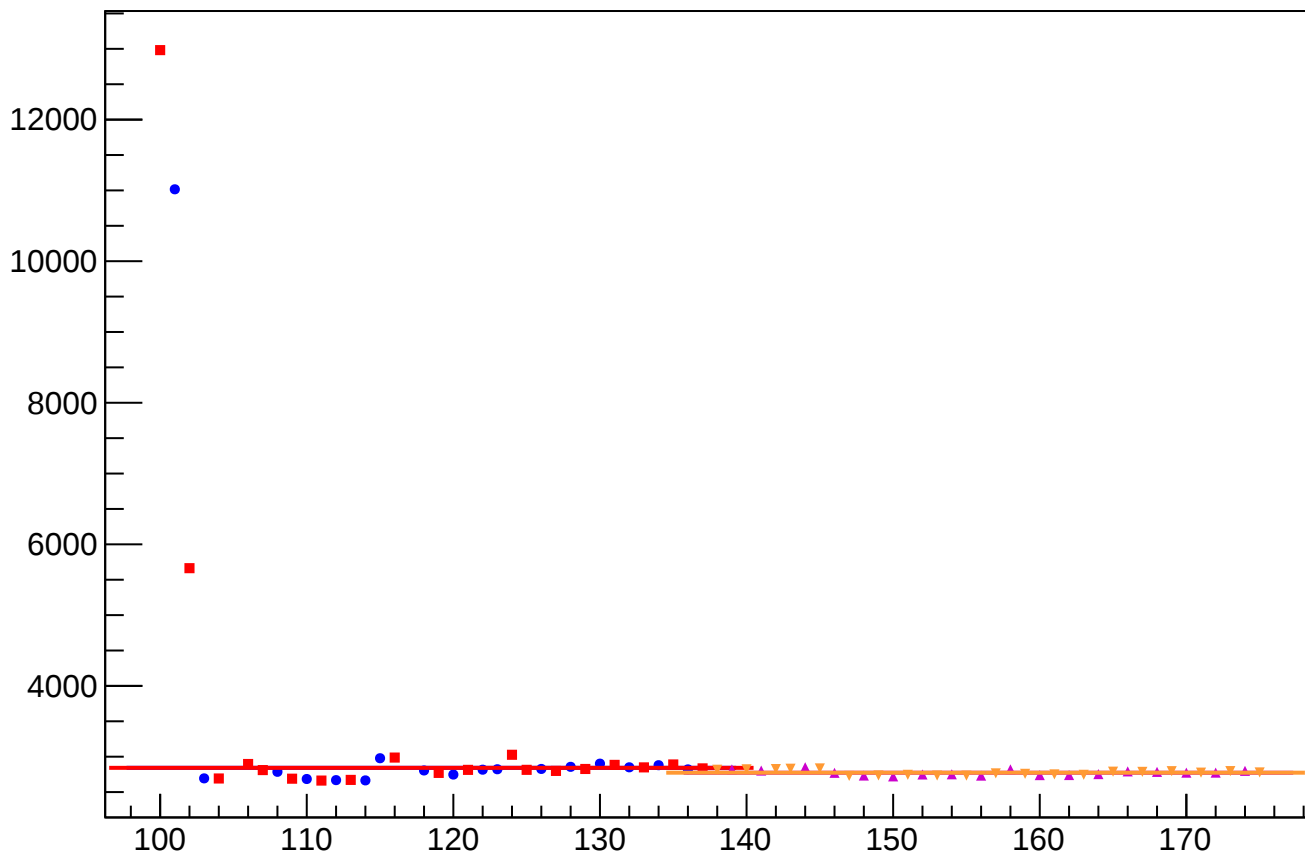
Right: 2422.331 $\pm$ 781.689 χ^2/NDF : 24.5/35

In: 2479.701 $\pm$ 616.455 χ^2/NDF : 45.9/34

Out: 2702.224 $\pm$ 595.649 χ^2/NDF : 31.6/38

All: 2594.781 $\pm$ 428.354 χ^2/NDF : 77.5/73

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2774.012+/-0.504 χ^2/NDF : 4667.6/19

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2772.637+/-0.521 χ^2/NDF : 4678.1/17

Left: 2773.348+/-0.362 χ^2/NDF : 9349.3/37

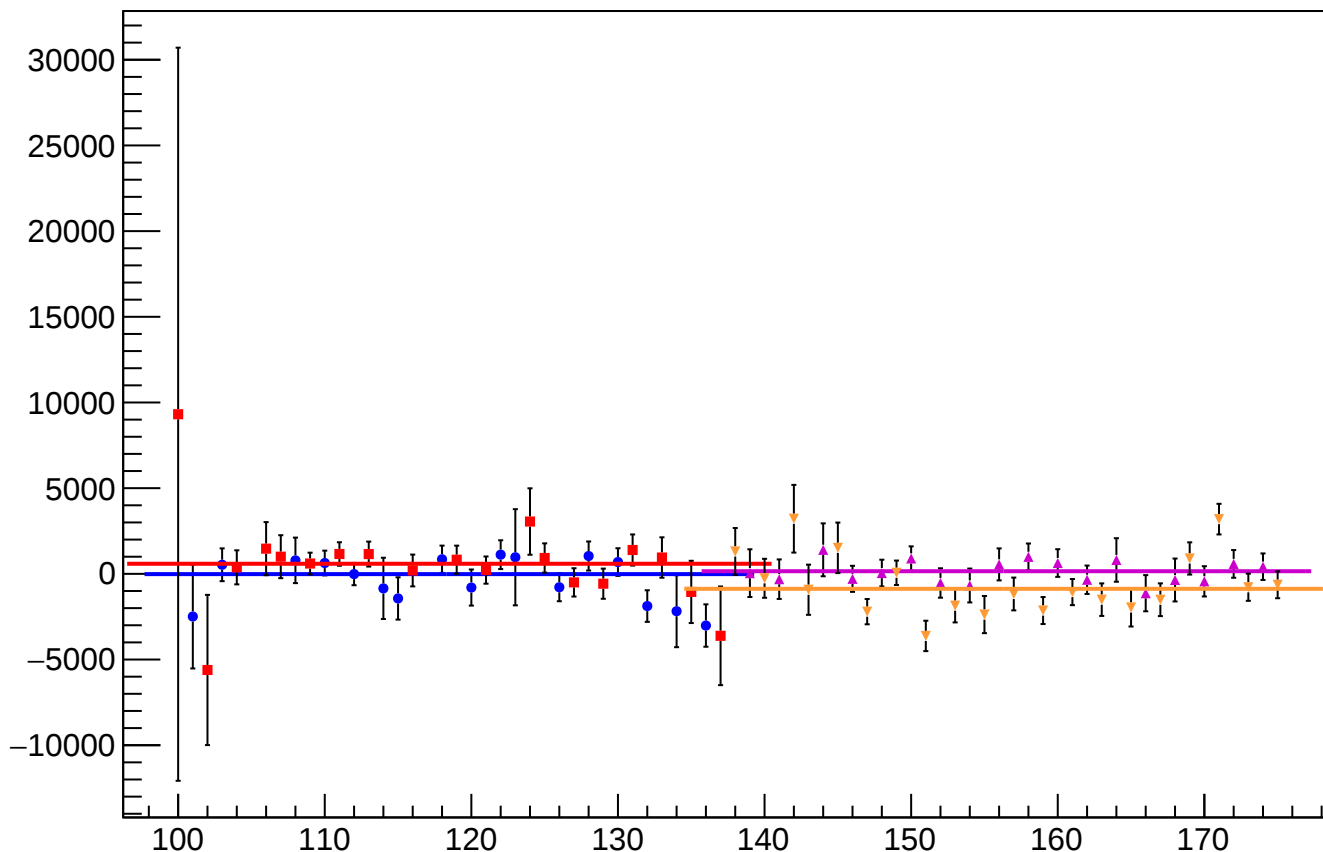
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2793.637+/-0.436 χ^2/NDF : 670397.6/34

Out: 2794.577+/-0.421 χ^2/NDF : 322551.7/38

All: 2794.123+/-0.303 χ^2/NDF : 992951.7/73

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -872.892 ± 210.772 χ^2/NDF : 56.2/19

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 153.748 ± 213.742 χ^2/NDF : 8.5/17

Left: -366.756 ± 150.077 χ^2/NDF : 76.4/37

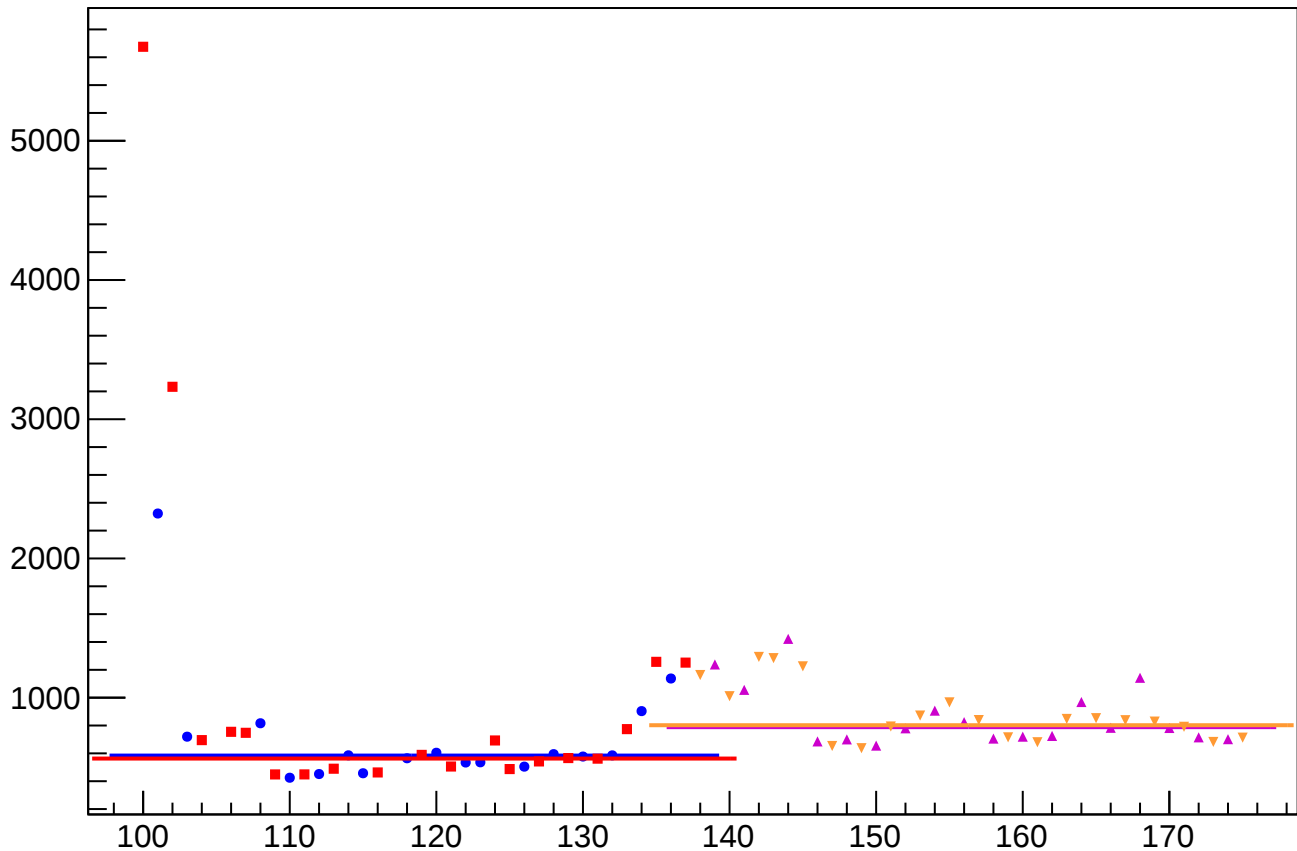
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 78.430 ± 159.282 χ^2/NDF : 30.3/34

Out: -192.400 ± 154.077 χ^2/NDF : 92.1/38

All: -61.482 ± 110.743 χ^2/NDF : 124.0/73

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 802.141+/-0.149 χ^2/NDF : 1120453.5/19

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 788.300+/-0.151 χ^2/NDF : 1109805.5/17

Left: 795.317+/-0.106 χ^2/NDF : 2234511.1/37

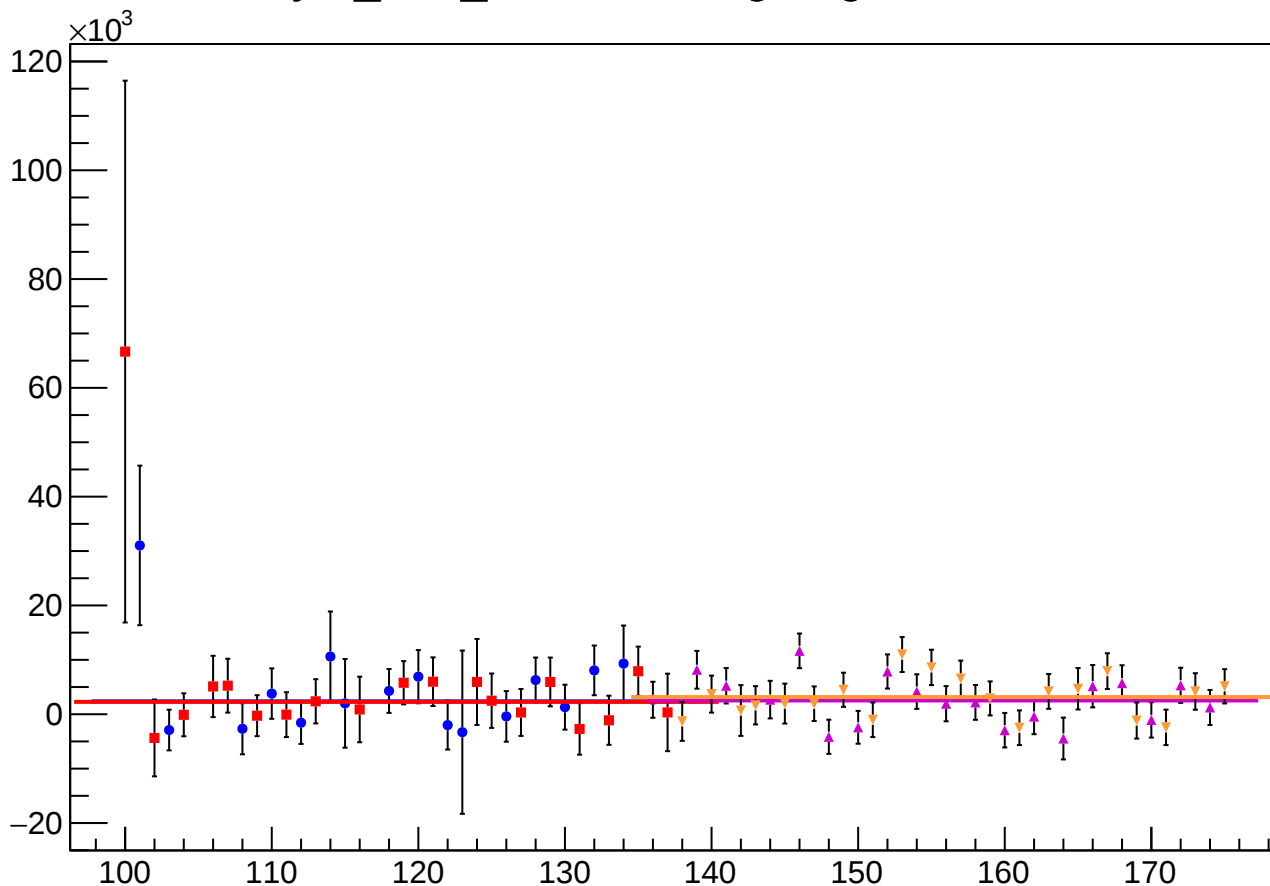
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 697.478+/-0.113 χ^2/NDF : 3358477.1/34

Out: 690.648+/-0.109 χ^2/NDF : 3961903.9/38

All: 693.950+/-0.078 χ^2/NDF : 7322280.8/73

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3156.283 $\pm$ 748.952 χ^2 /NDF: 24.6/19

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2531.936 $\pm$ 773.333 χ^2 /NDF: 32.6/17

Left: 2854.106 $\pm$ 538.002 χ^2 /NDF: 57.5/37

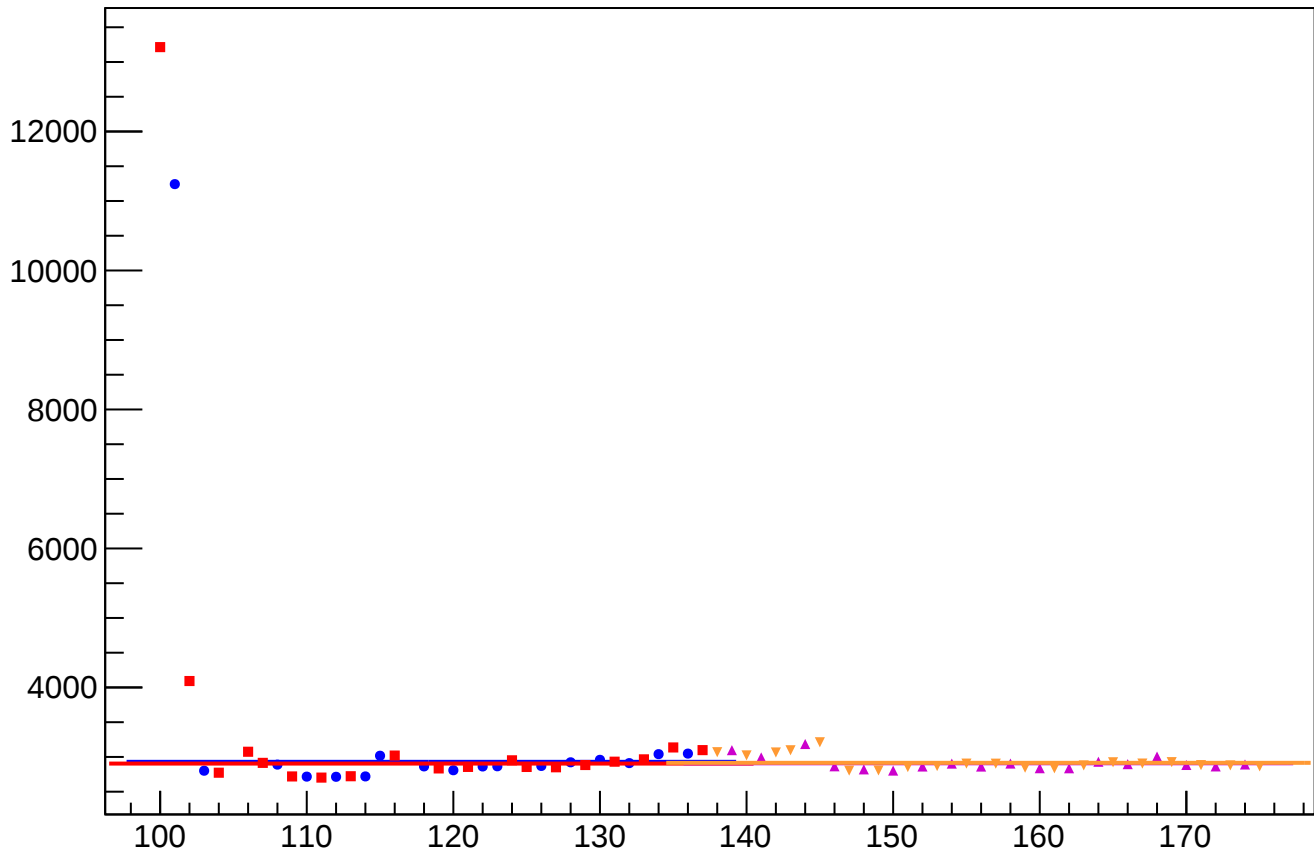
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2479.890 $\pm$ 643.442 χ^2 /NDF: 47.7/34

Out: 2881.931 $\pm$ 621.135 χ^2 /NDF: 35.3/38

All: 2688.000 $\pm$ 446.887 χ^2 /NDF: 83.1/73

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2915.333+/-0.530 χ^2/NDF : 35588.3/19

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2908.720+/-0.547 χ^2/NDF : 29713.4/17

Left: 2912.132+/-0.380 χ^2/NDF : 65377.2/37

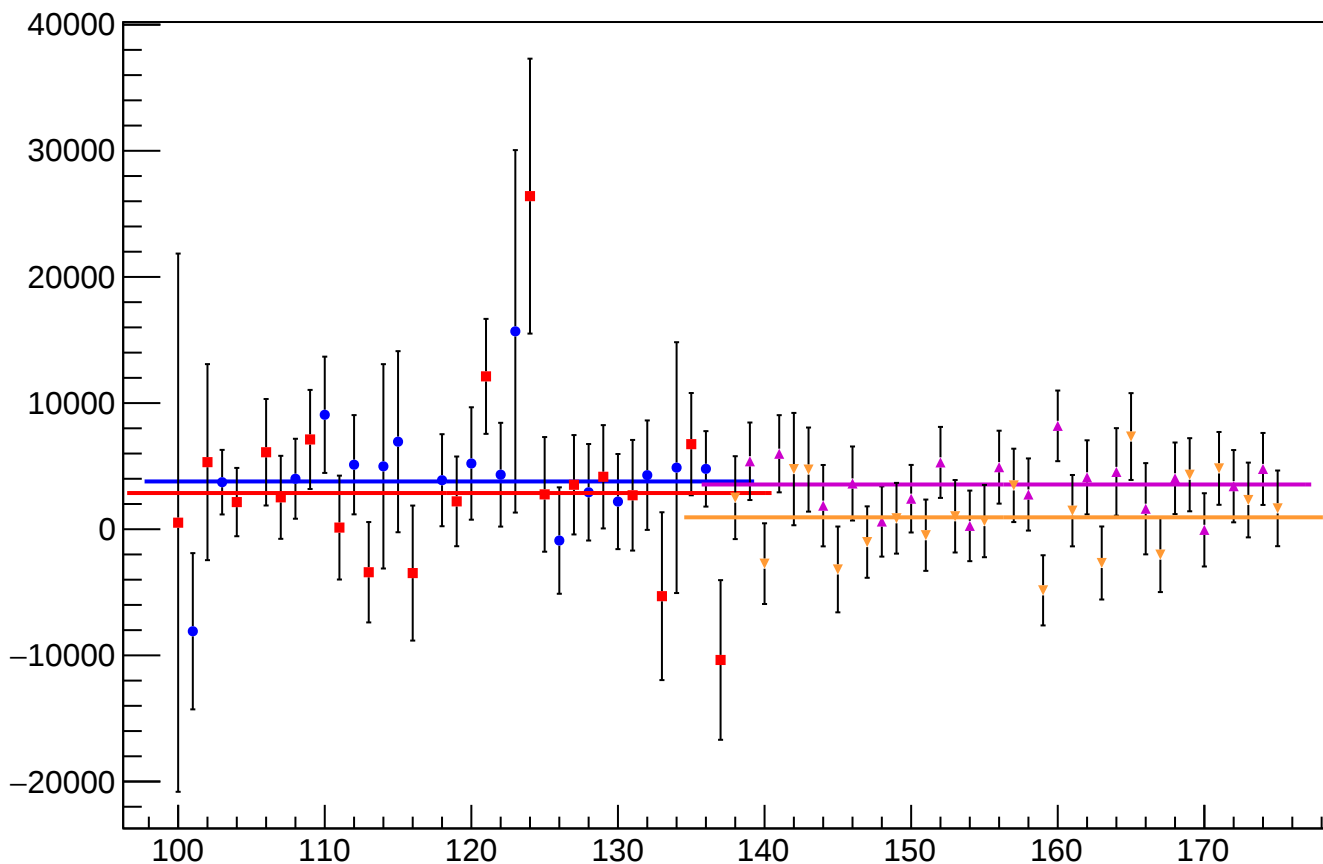
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2915.161+/-0.455 χ^2/NDF : 692793.4/34

Out: 2911.973+/-0.439 χ^2/NDF : 205006.0/38

All: 2913.511+/-0.316 χ^2/NDF : 897824.8/73

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 943.275 $\pm$ 675.617 χ^2/NDF : 20.4/19

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3546.850 $\pm$ 693.371 χ^2/NDF : 9.5/17

Left: 2211.303 $\pm$ 483.888 χ^2/NDF : 37.1/37

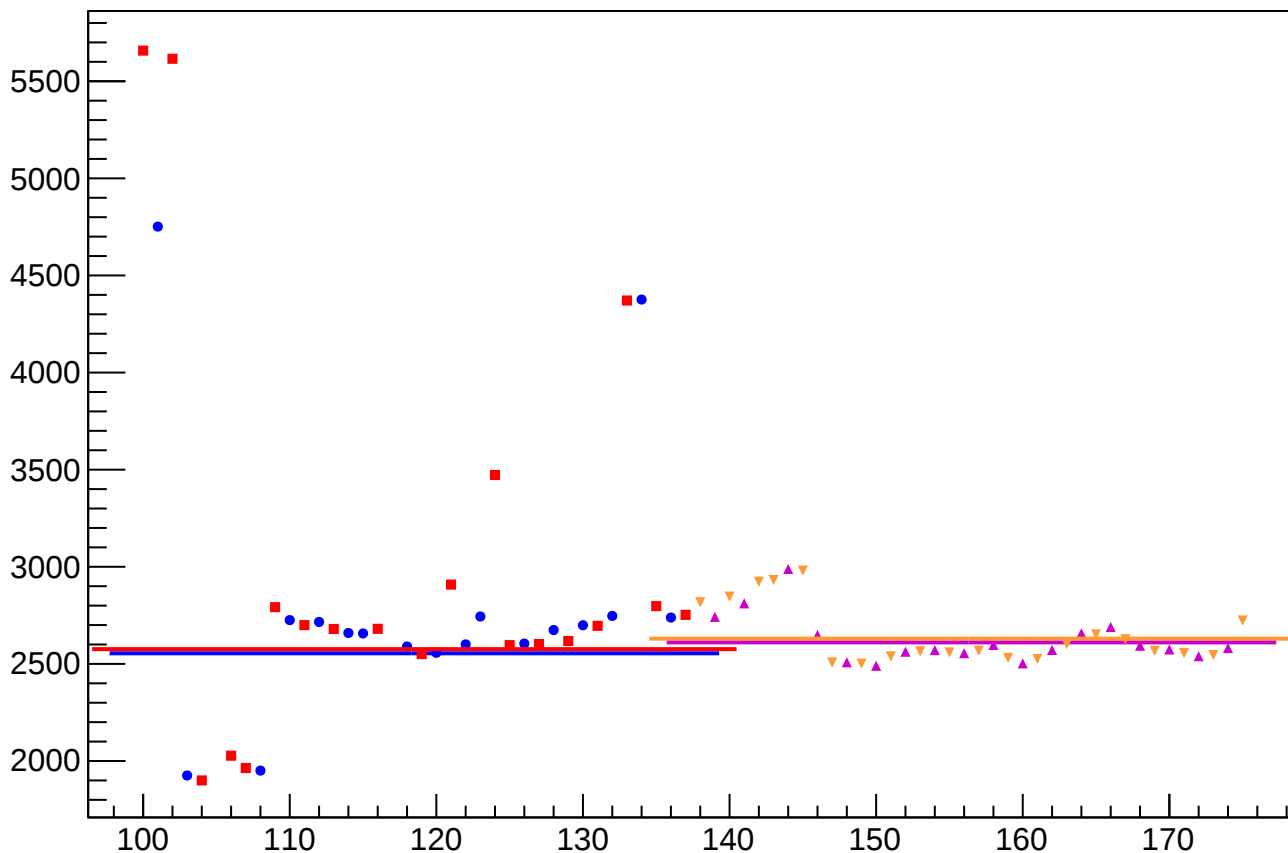
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3624.241 $\pm$ 571.290 χ^2/NDF : 17.3/34

Out: 1544.502 $\pm$ 560.343 χ^2/NDF : 44.9/38

All: 2564.254 $\pm$ 400.037 χ^2/NDF : 69.0/73

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 ± 0.713 $\chi^2/\text{NDF}: 536626.0/16$

Left Out: 2630.126 ± 0.478 $\chi^2/\text{NDF}: 86562.4/19$

Right Out: 2576.077 ± 0.709 $\chi^2/\text{NDF}: 765156.6/18$

Left In: 2610.668 ± 0.490 $\chi^2/\text{NDF}: 55096.6/17$

Left: 2620.649 ± 0.342 $\chi^2/\text{NDF}: 142466.9/37$

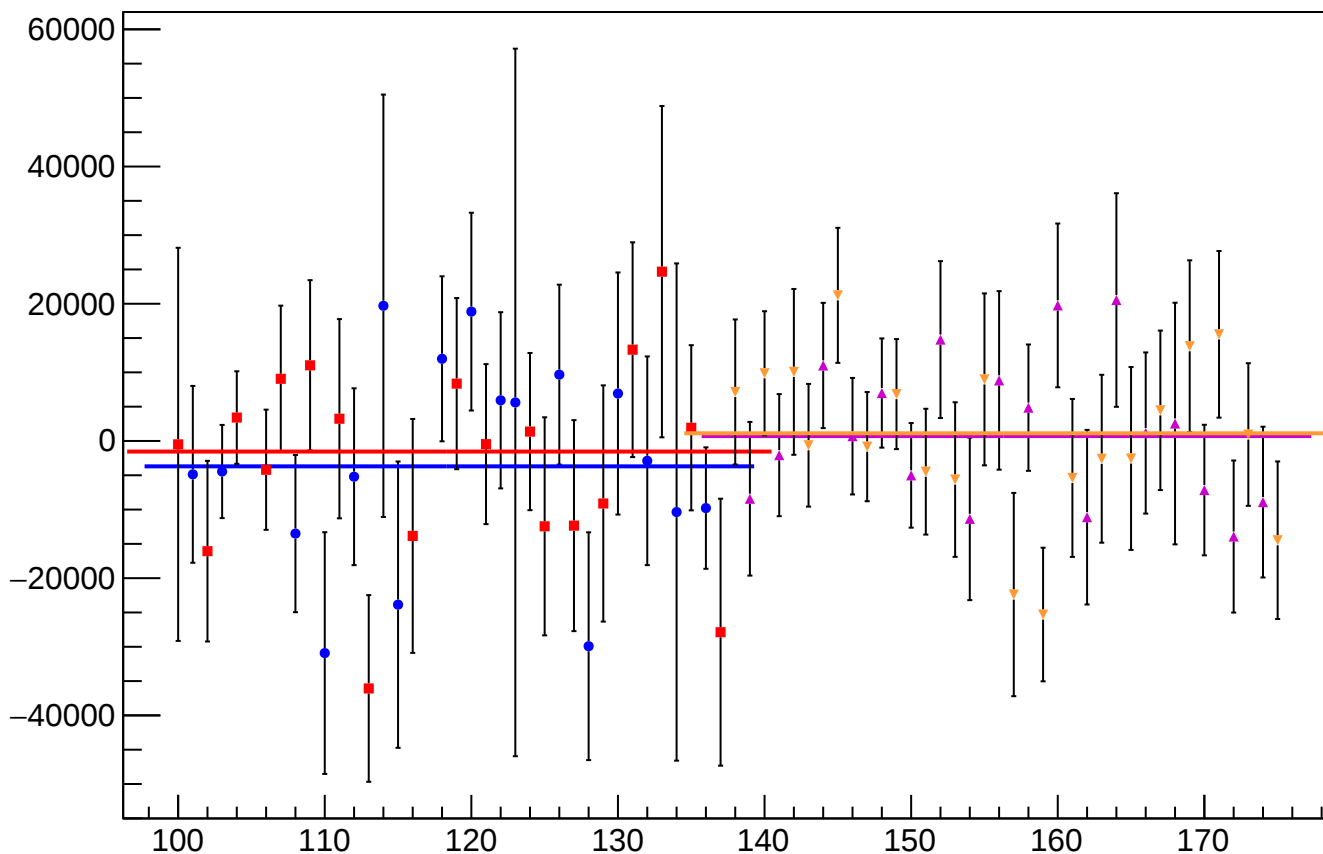
Right: 2565.366 ± 0.503 $\chi^2/\text{NDF}: 1302241.7/35$

In: 2592.642 ± 0.404 $\chi^2/\text{NDF}: 595931.8/34$

Out: 2613.246 ± 0.396 $\chi^2/\text{NDF}: 855716.4/38$

All: 2603.145 ± 0.283 $\chi^2/\text{NDF}: 1452974.3/73$

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 1118.227+/-2352.523 χ^2/NDF : 22.4/19

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 712.814+/-2445.581 χ^2/NDF : 14.6/17

Left: 923.380+/-1695.429 χ^2/NDF : 37.1/37

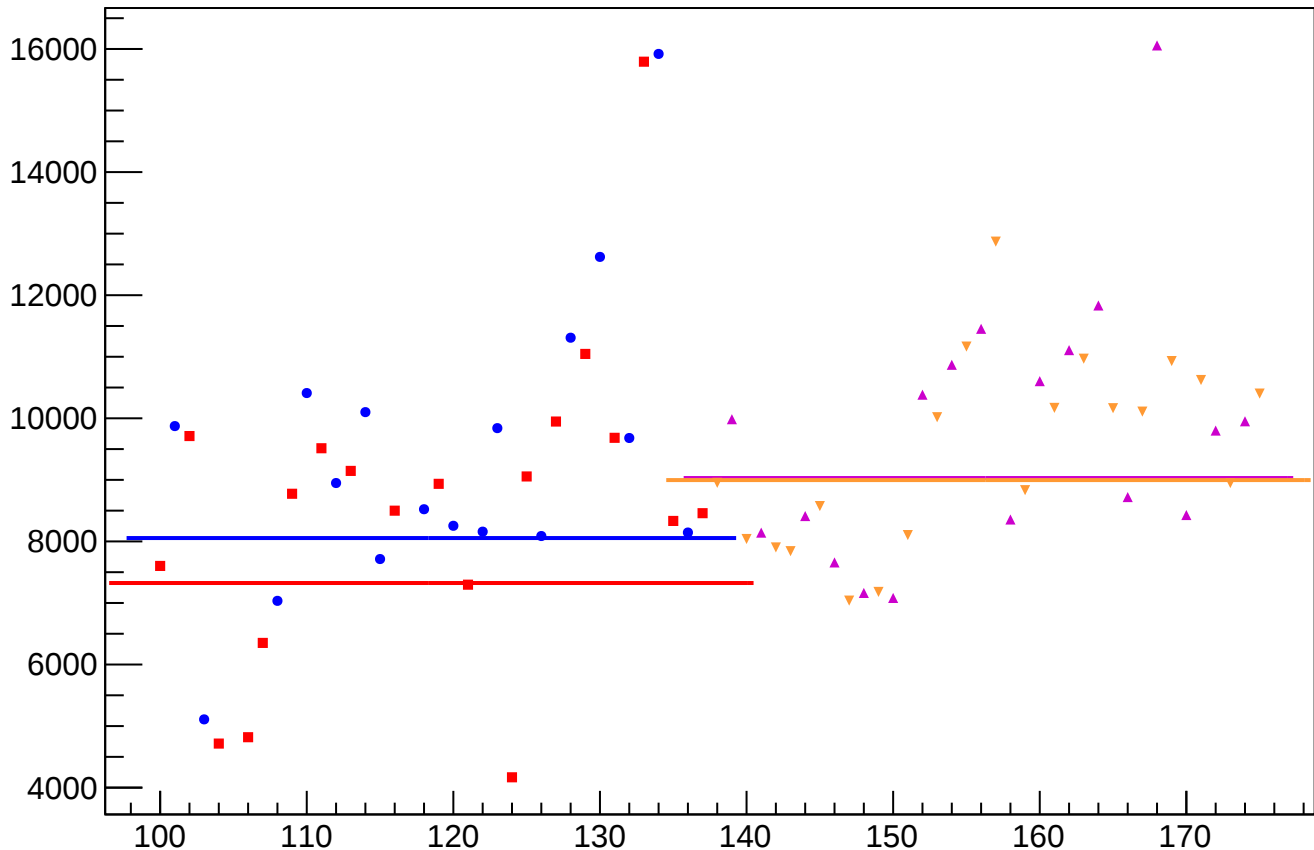
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -902.673+/-1947.074 χ^2/NDF : 29.6/34

Out: 59.891+/-1826.186 χ^2/NDF : 39.7/38

All: -390.584+/-1331.996 χ^2/NDF : 69.5/73

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8996.434+/-1.663 χ^2/NDF : 752155.8/19

Right Out: 7324.291+/-2.048 χ^2/NDF : 1336145.7/18

Left In: 9029.892+/-1.729 χ^2/NDF : 997406.3/17

Left: 9012.514+/-1.199 χ^2/NDF : 1749756.6/37

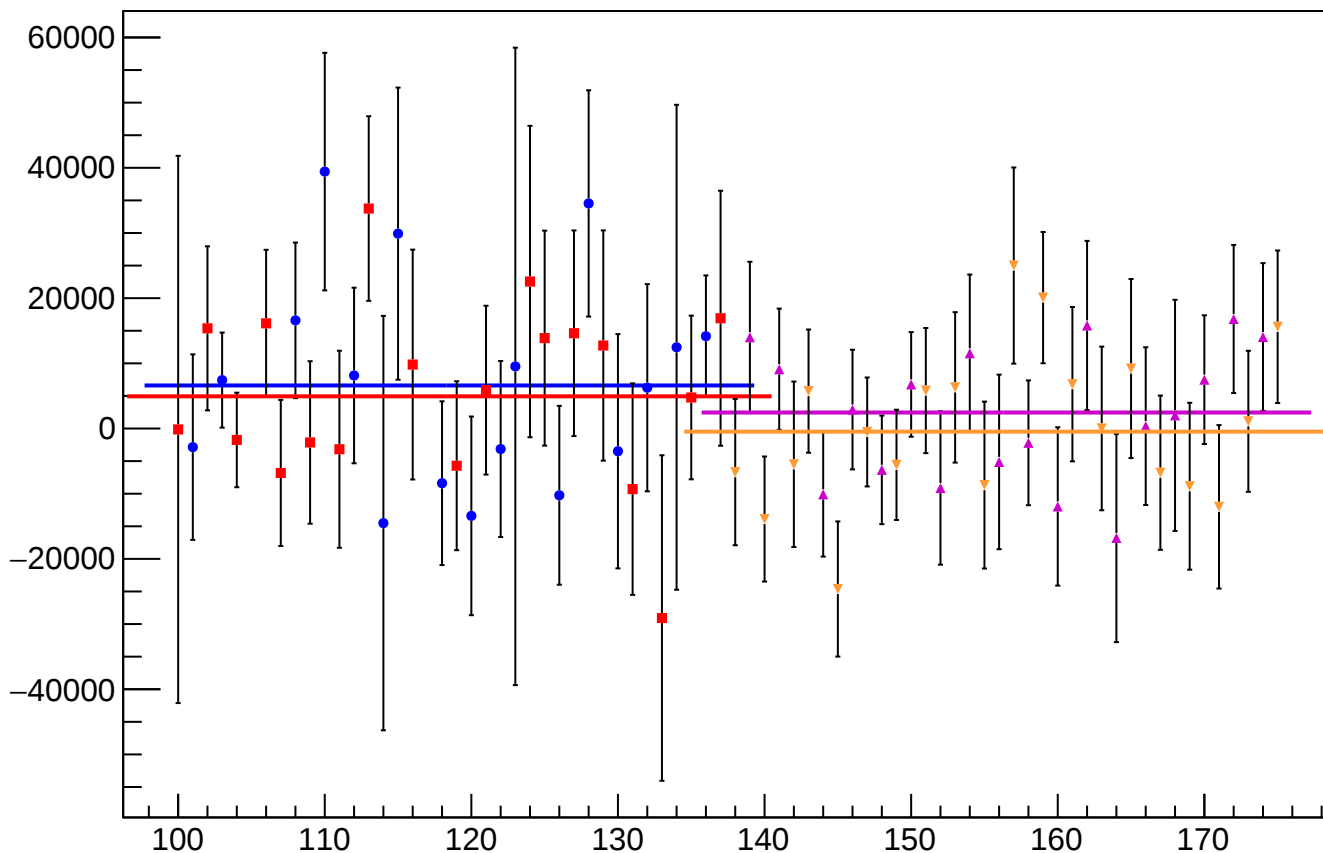
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 8672.871+/-1.377 χ^2/NDF : 1934586.6/34

Out: 8331.908+/-1.291 χ^2/NDF : 2489858.6/38

All: 8491.477+/-0.942 χ^2/NDF : 4457073.7/73

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2 /NDF: 14.7/16

Left Out: -480.172 $\pm$ 2448.875 χ^2 /NDF:21.2/19

Right Out: 4938.727 $\pm$ 3167.808 χ^2 /NDF: 13.6/18

Left In: 2456.308 $\pm$ 2541.930 χ^2 /NDF:13.6/17

Left: 933.336 $\pm$ 1763.596 χ^2 /NDF: 35.5/37

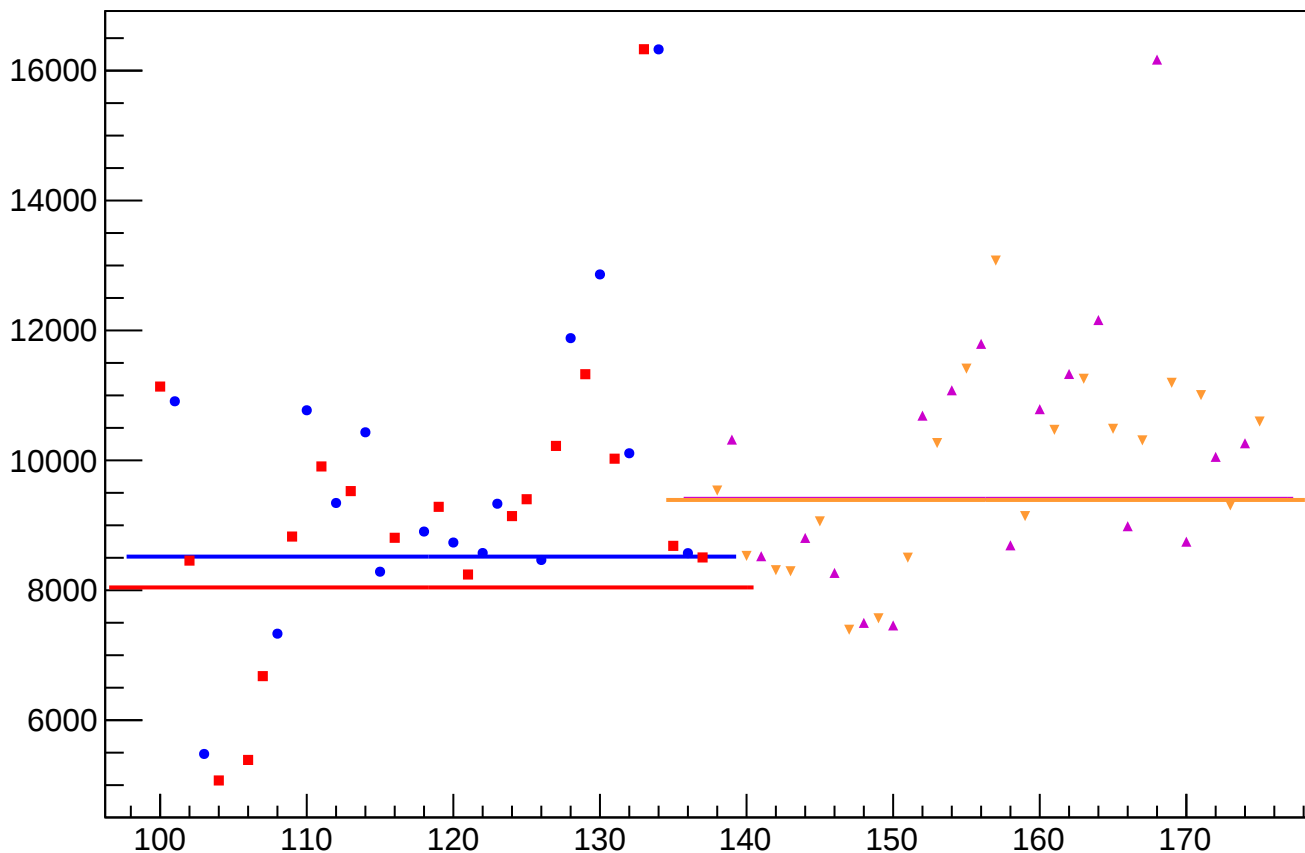
Right: 5715.122 $\pm$ 2316.410 χ^2 /NDF: 28.4/35

In: 3946.942 $\pm$ 2034.973 χ^2 /NDF:29.2/34

Out: 1546.842 $\pm$ 1937.455 χ^2 /NDF:36.6/38

All: 2688.009 $\pm$ 1403.196 χ^2 /NDF: 66.5/73

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9390.457+/-1.732 χ^2/NDF : 646509.2/19

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9407.931+/-1.797 χ^2/NDF : 878123.9/17

Left: 9398.868+/-1.247 χ^2/NDF : 1524682.2/37

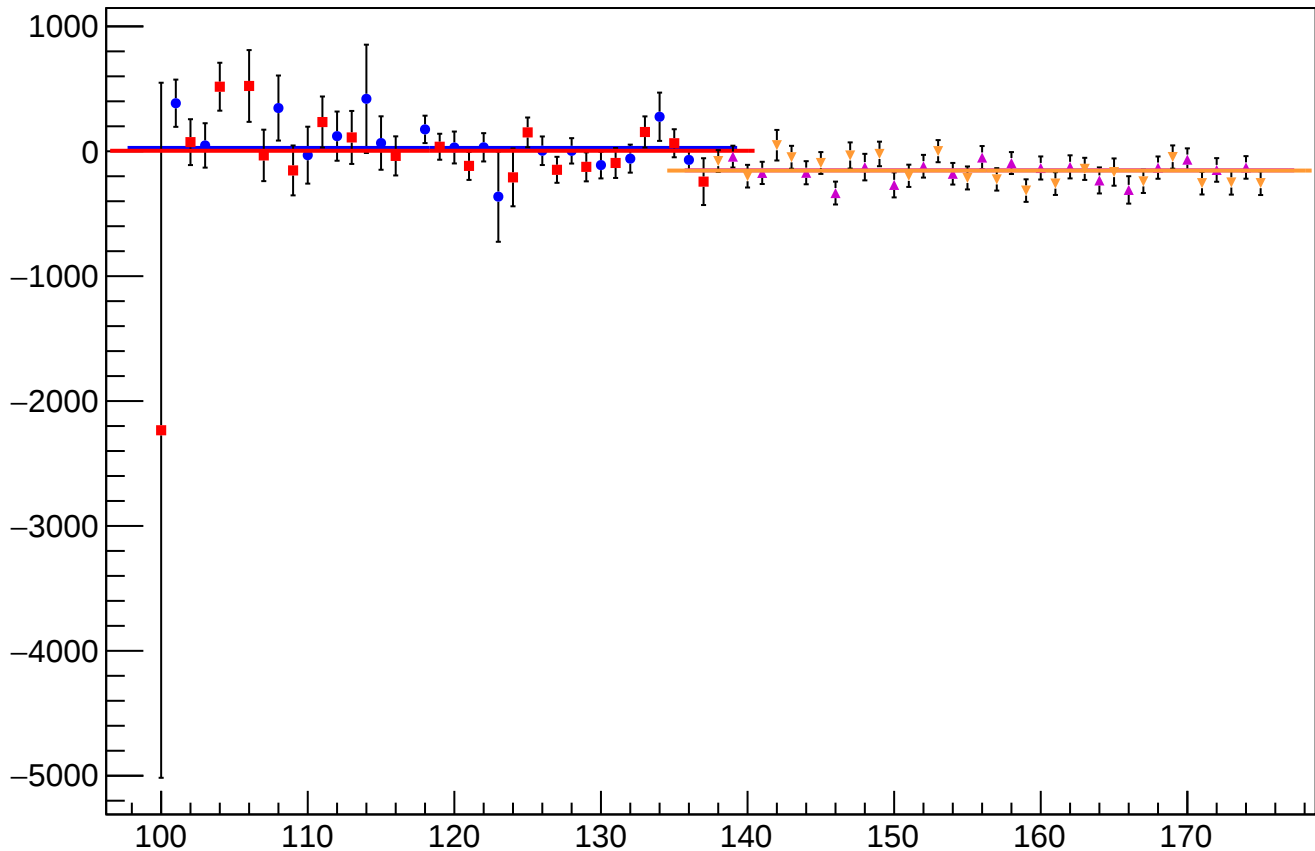
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9088.454+/-1.439 χ^2/NDF : 1738095.1/34

Out: 8886.682+/-1.370 χ^2/NDF : 1826341.2/38

All: 8982.616+/-0.992 χ^2/NDF : 3574750.0/73

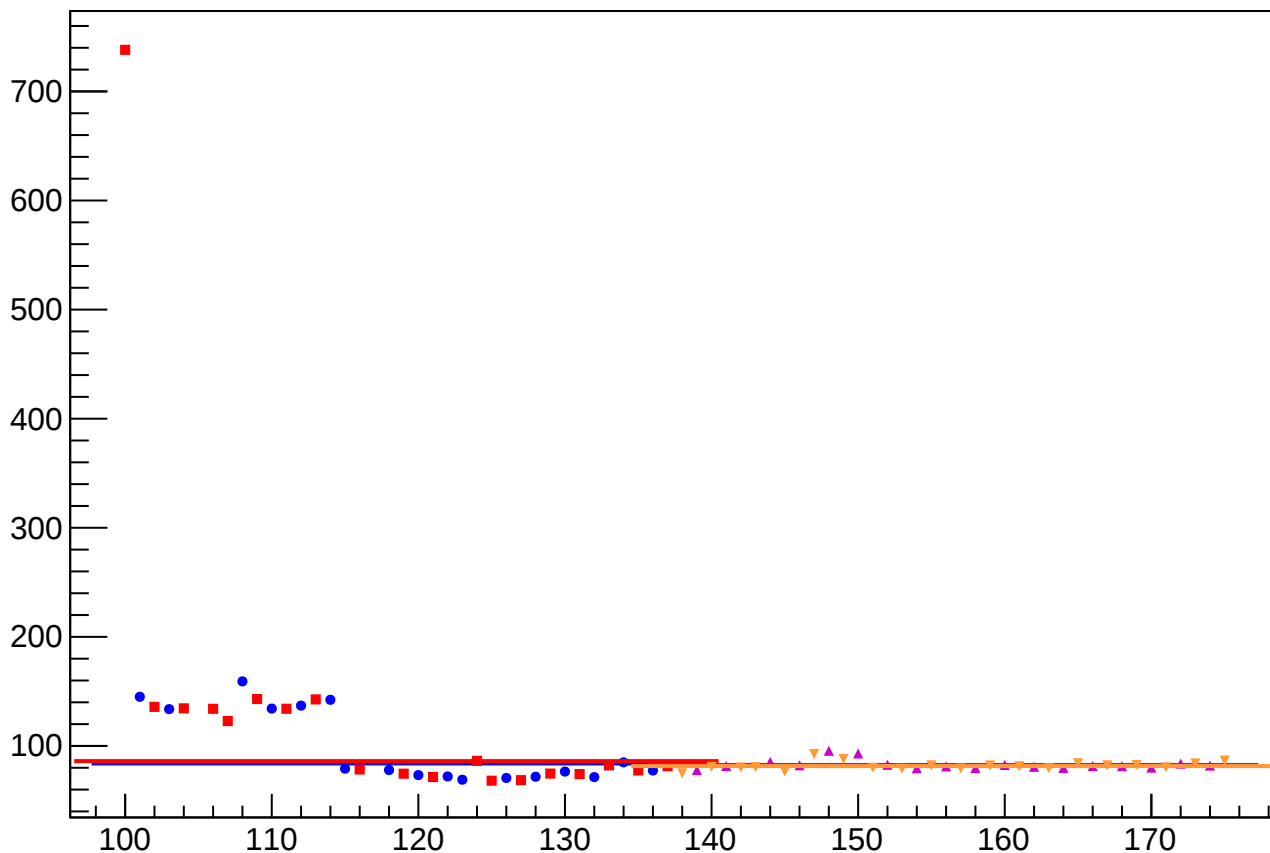
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -154.488 ± 20.939 $\chi^2/\text{NDF}: 23.1/19$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -152.578 ± 21.952 $\chi^2/\text{NDF}: 12.7/17$

Left: -153.579 ± 15.151 $\chi^2/\text{NDF}: 35.8/37$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -99.003 ± 18.381 $\chi^2/\text{NDF}: 47.2/34$
Out: -110.606 ± 17.806 $\chi^2/\text{NDF}: 63.5/38$
All: -104.989 ± 12.789 $\chi^2/\text{NDF}: 110.9/73$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.556+/-0.015 χ^2/NDF :62513.7/19

Right Out: 86.109 ± 0.024 χ^2/NDF : 1136227.7/18

Left In: 82.579+/-0.016 χ^2/NDF :69123.9/17

Left: 82.044 ± 0.011 $\chi^2/\text{NDF}: 133911.2/37$

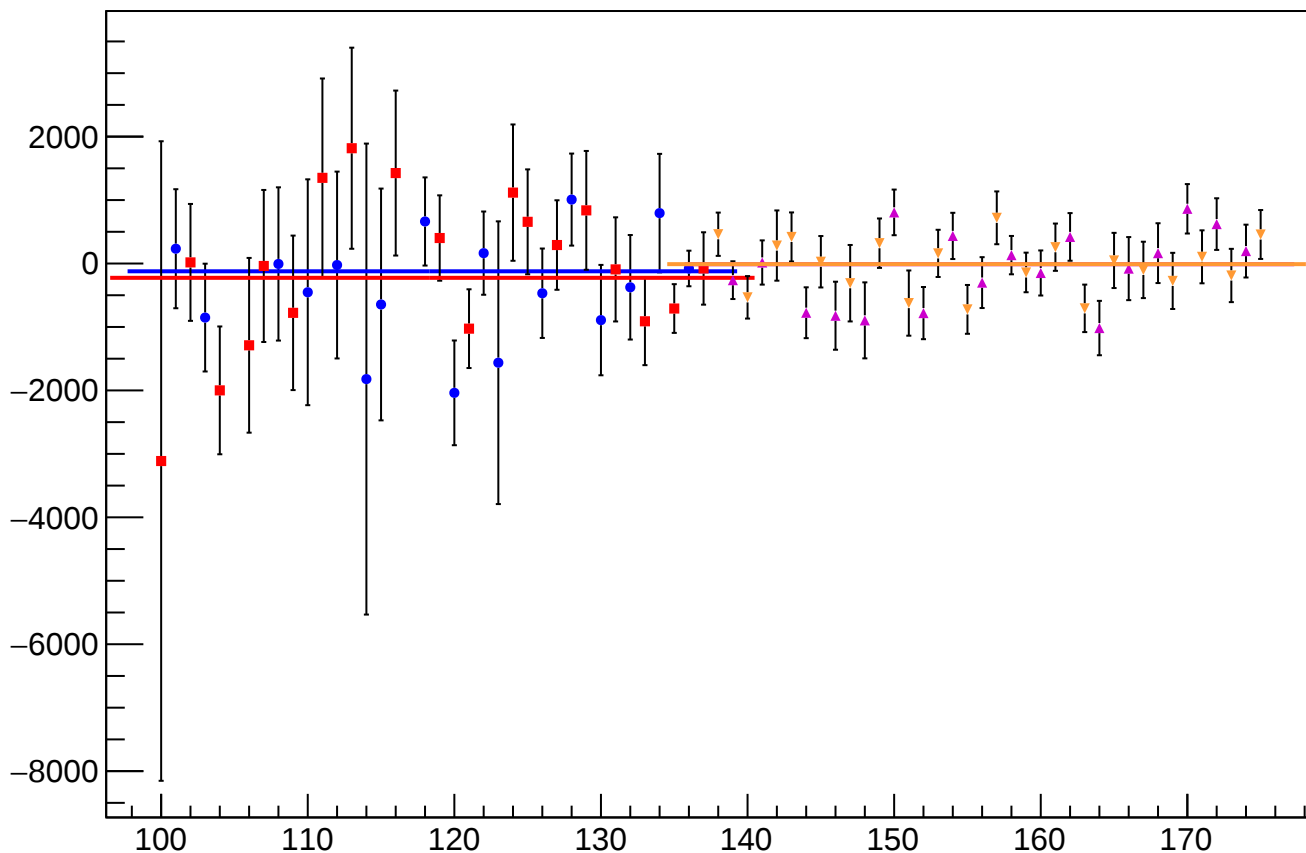
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 82.992+/-0.013 χ^2/NDF :1031744.6/34

Out: 82.817+/-0.013 χ^2/NDF :1224914.0/38

All: 82.902+/-0.009 χ^2/NDF : 2256752.3/73

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -9.979 $\pm$ 89.556 χ^2 /NDF:21.3/19

Right Out: -225.420 $\pm$ 184.973 χ^2 /NDF: 18.3/18

Left In: -11.293 $\pm$ 92.135 χ^2 /NDF:34.6/17

Left: -10.617 $\pm$ 64.218 χ^2 /NDF: 55.9/37

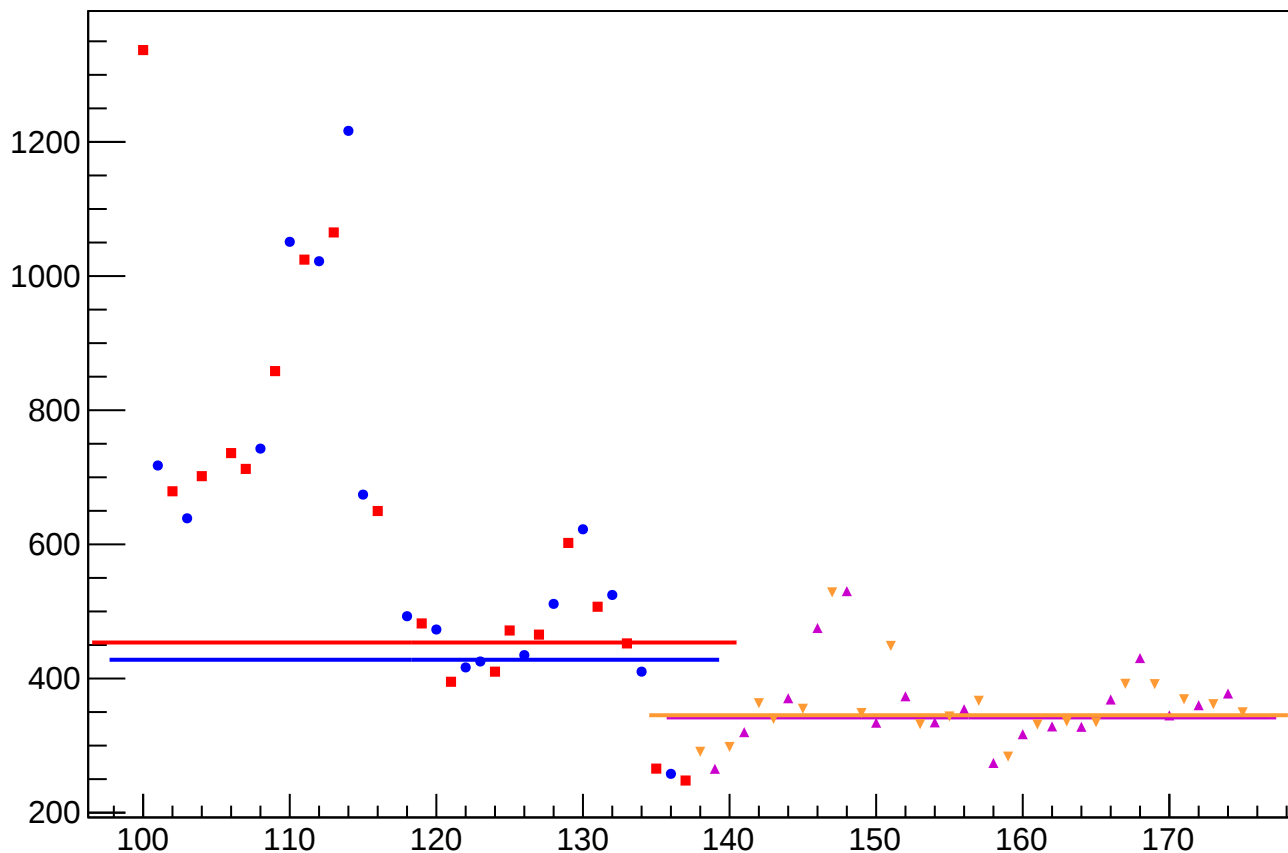
Right: -172.394 $\pm$ 128.849 χ^2 /NDF: 31.5/35

In: -34.446 $\pm$ 81.976 χ^2 /NDF:47.9/34

Out: -50.890 $\pm$ 80.605 χ^2 /NDF:40.7/38

All: -42.807 $\pm$ 57.475 χ^2 /NDF: 88.7/73

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 345.265+/-0.063 χ^2/NDF : 505891.5/19

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 341.993+/-0.065 χ^2/NDF : 697835.0/17

Left: 343.676+/-0.045 χ^2/NDF : 1205023.9/37

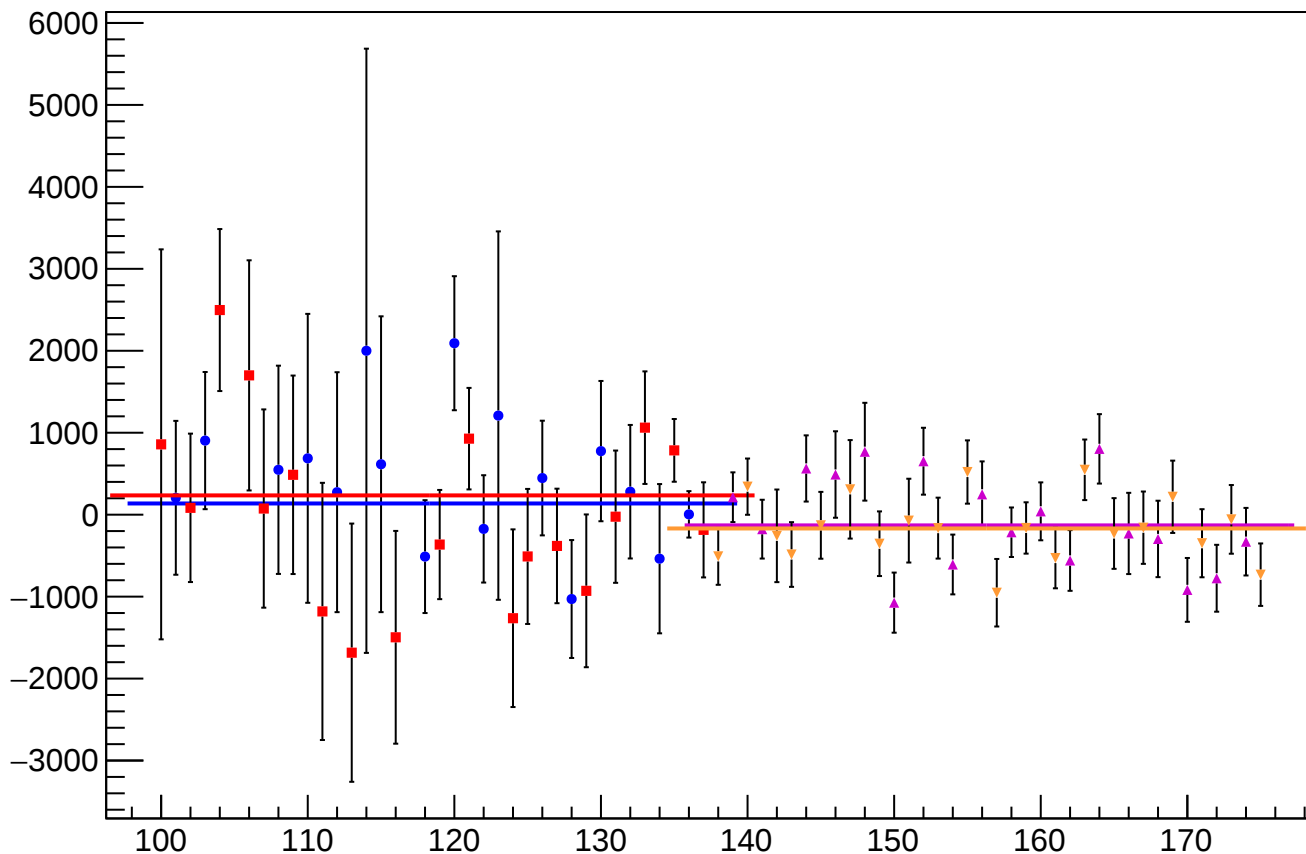
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 359.911+/-0.058 χ^2/NDF : 3123097.9/34

Out: 365.856+/-0.057 χ^2/NDF : 3197215.6/38

All: 362.934+/-0.041 χ^2/NDF : 6325662.2/73

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -168.206 $\pm$ 89.771 χ^2/NDF : 19.5/19

Right Out: 235.334 $\pm$ 184.025 χ^2/NDF : 21.8/18

Left In: -130.737 $\pm$ 92.333 χ^2/NDF : 34.3/17

Left: -149.999 $\pm$ 64.364 χ^2/NDF : 53.9/37

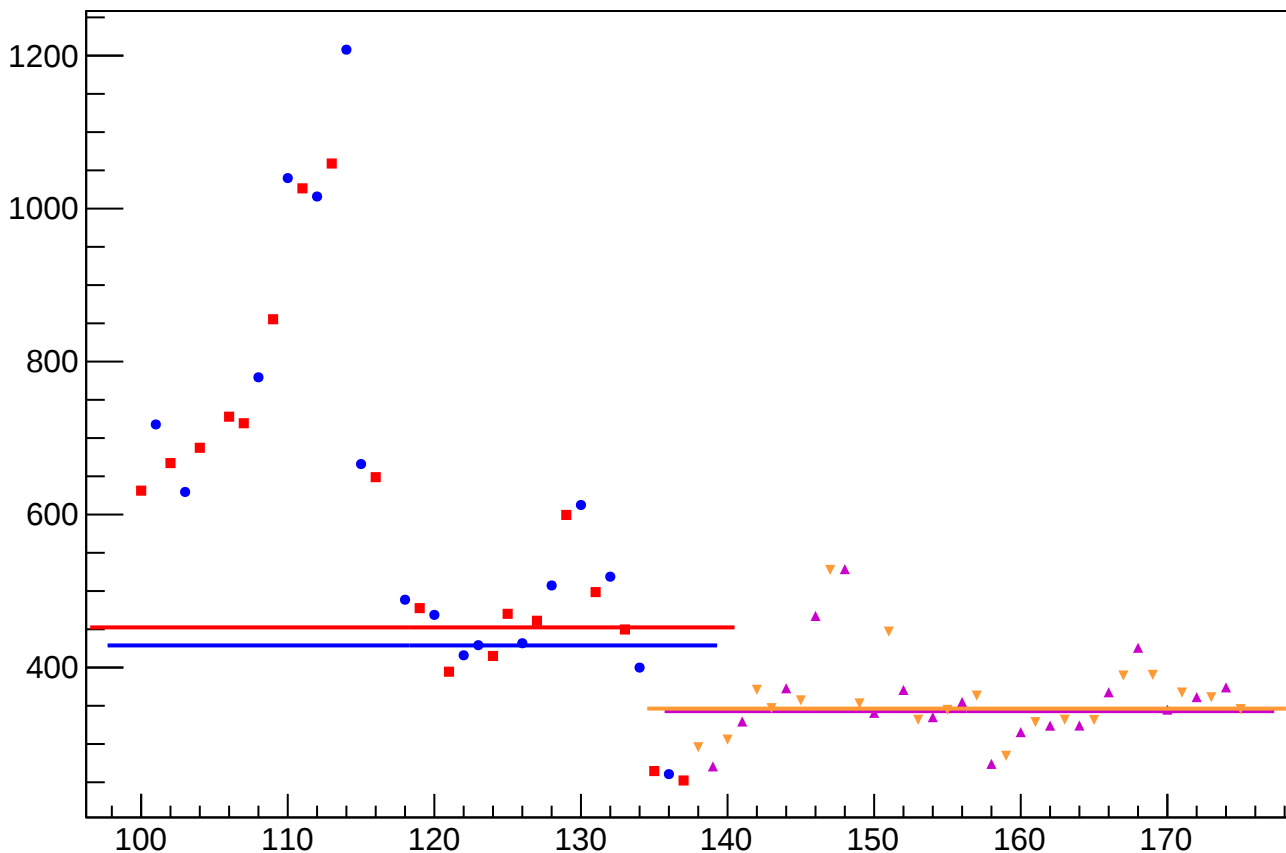
Right: 184.875 $\pm$ 128.536 χ^2/NDF : 34.6/35

In: -74.810 $\pm$ 82.118 χ^2/NDF : 48.7/34

Out: -90.637 $\pm$ 80.683 χ^2/NDF : 45.2/38

All: -82.863 $\pm$ 57.552 χ^2/NDF : 93.9/73

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 ± 0.127 $\chi^2/\text{NDF}: 2010592.5/16$

Left Out: 346.300 ± 0.063 $\chi^2/\text{NDF}: 476642.2/19$

Right Out: 452.487 ± 0.130 $\chi^2/\text{NDF}: 2042099.3/18$

Left In: 342.959 ± 0.065 $\chi^2/\text{NDF}: 652978.1/17$

Left: 344.676 ± 0.046 $\chi^2/\text{NDF}: 1130966.3/37$

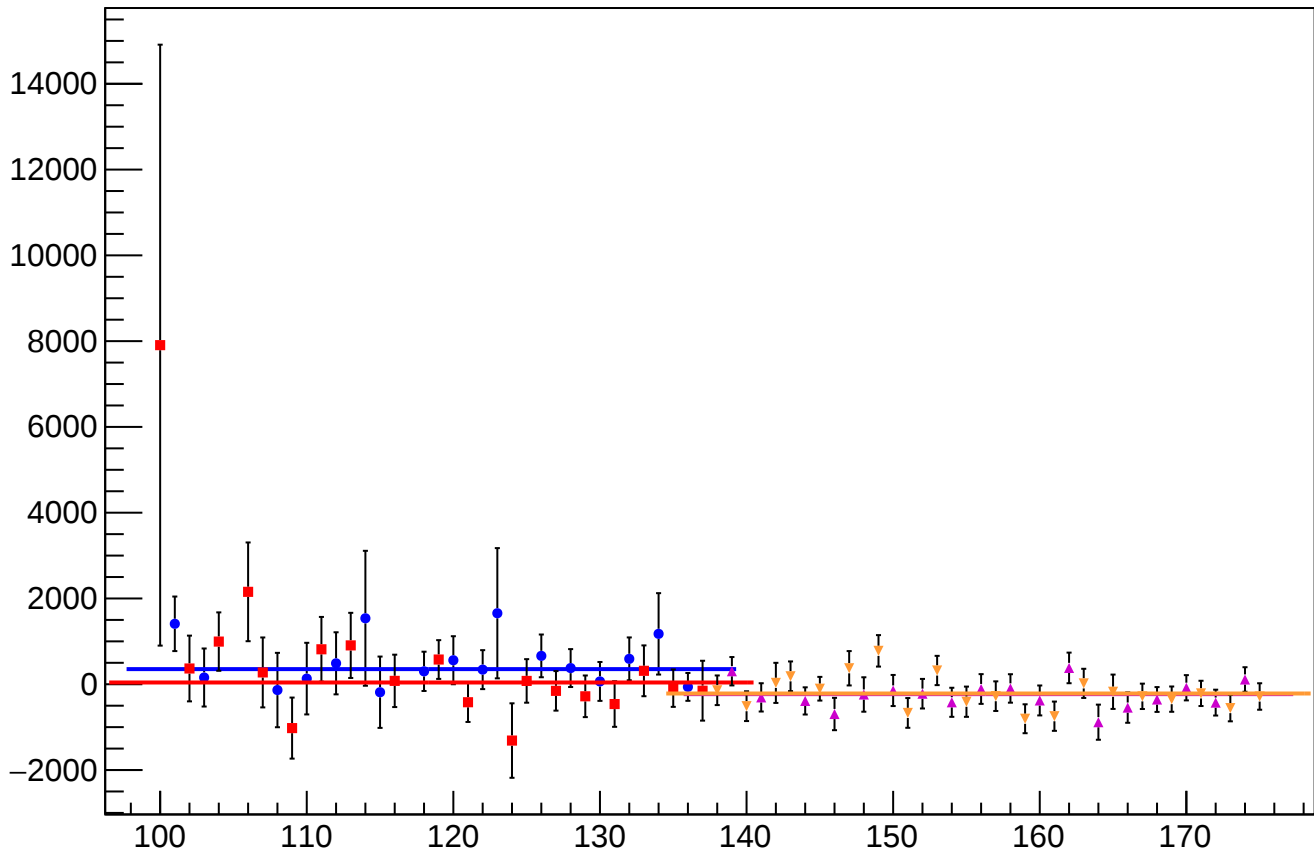
Right: 440.401 ± 0.091 $\chi^2/\text{NDF}: 4069533.6/35$

In: 360.921 ± 0.058 $\chi^2/\text{NDF}: 3025667.4/34$

Out: 366.711 ± 0.057 $\chi^2/\text{NDF}: 3056647.1/38$

All: 363.867 ± 0.041 $\chi^2/\text{NDF}: 6087373.5/73$

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -215.742 ± 75.073 $\chi^2/\text{NDF}: 24.0/19$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -230.514 ± 78.969 $\chi^2/\text{NDF}: 13.8/17$

Left: -222.755 ± 54.410 $\chi^2/\text{NDF}: 37.9/37$

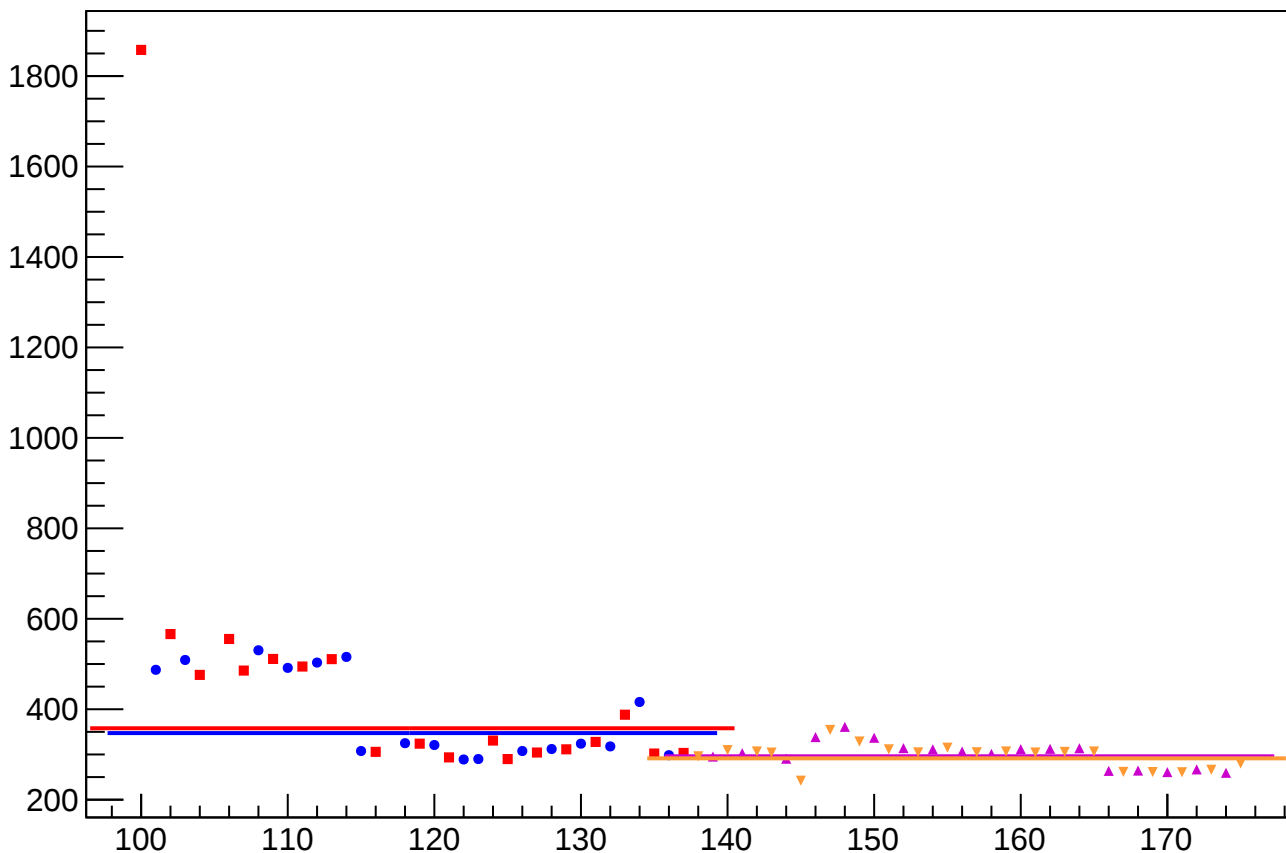
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: -85.482 ± 68.454 $\chi^2/\text{NDF}: 35.9/34$

Out: -157.742 ± 66.054 $\chi^2/\text{NDF}: 44.9/38$

All: -122.901 ± 47.533 $\chi^2/\text{NDF}: 81.4/73$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 291.419+/-0.053 χ^2/NDF : 258950.9/19

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 296.013+/-0.056 χ^2/NDF : 248691.4/17

Left: 293.600+/-0.038 χ^2/NDF : 511198.1/37

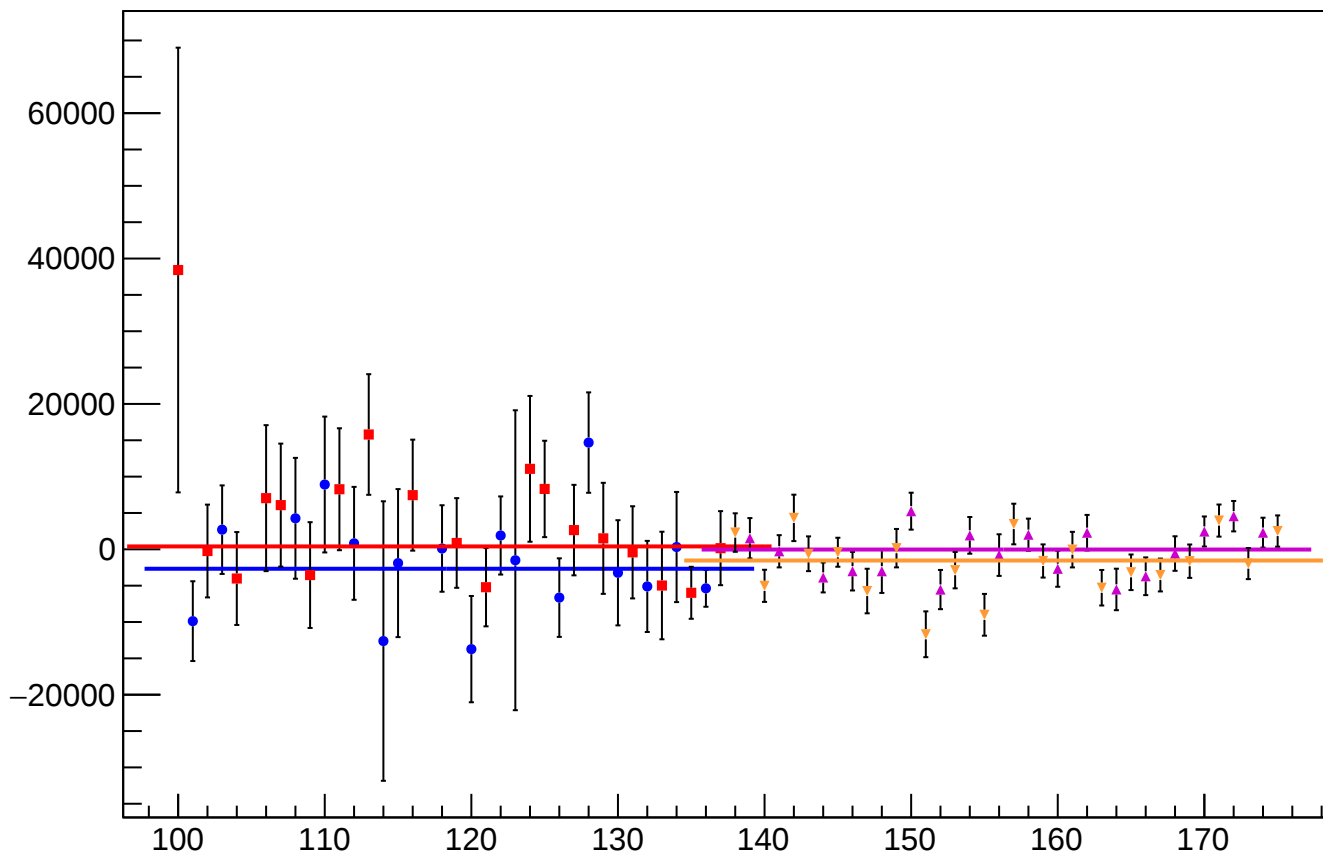
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 308.757+/-0.048 χ^2/NDF : 1077128.9/34

Out: 306.446+/-0.047 χ^2/NDF : 1465389.1/38

All: 307.560+/-0.034 χ^2/NDF : 2543699.0/73

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1539.400 $\pm$ 546.314 χ^2/NDF : 45.1/19

Right Out: 398.443 $\pm$ 1515.968 χ^2/NDF : 15.9/18

Left In: -30.820 $\pm$ 569.936 χ^2/NDF : 31.4/17

Left: -817.021 $\pm$ 394.389 χ^2/NDF : 80.2/37

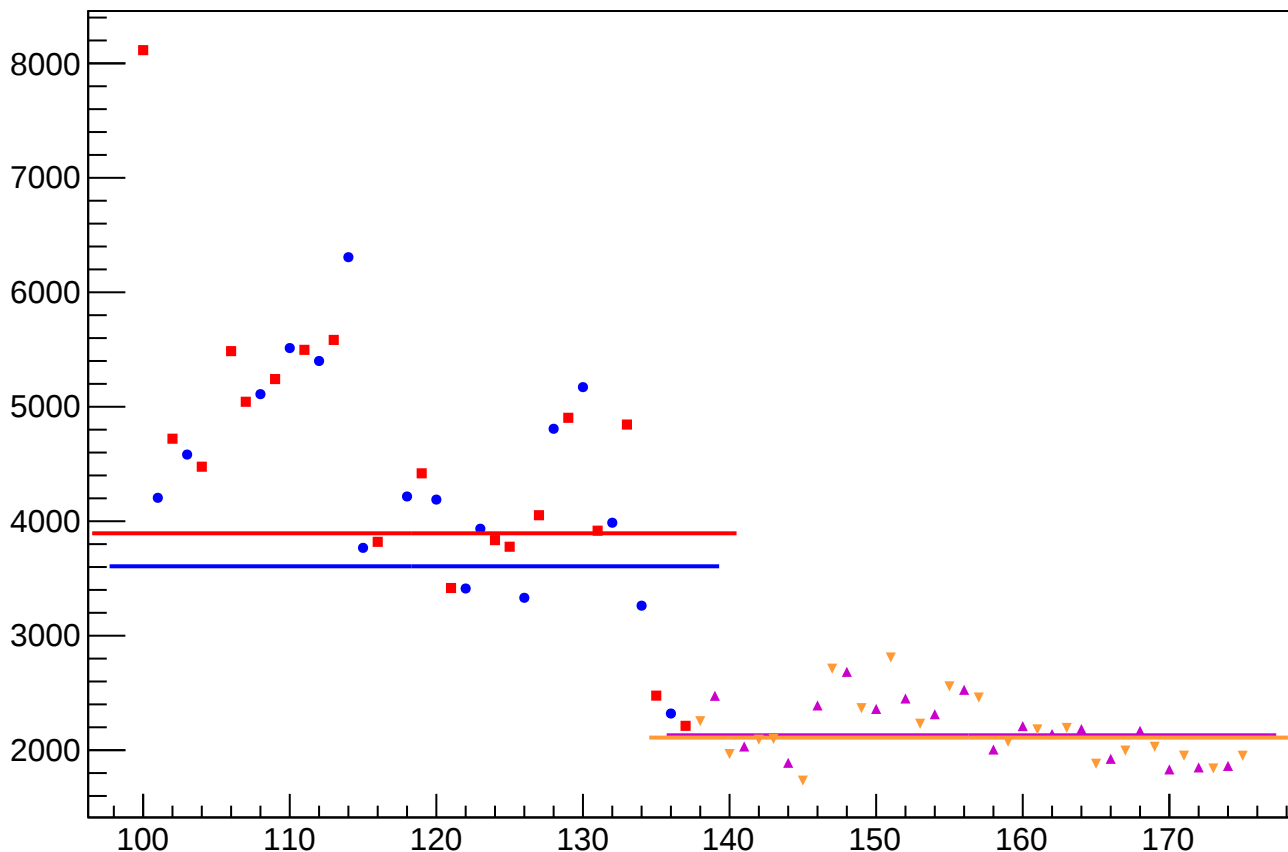
Right: -1199.564 $\pm$ 1050.178 χ^2/NDF : 34.8/35

In: -381.935 $\pm$ 530.734 χ^2/NDF : 51.0/34

Out: -1316.662 $\pm$ 513.959 χ^2/NDF : 62.5/38

All: -864.304 $\pm$ 369.212 χ^2/NDF : 115.1/73

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 ± 1.030 $\chi^2/\text{NDF}: 1092516.6/16$

Left Out: 2109.889 ± 0.386 $\chi^2/\text{NDF}: 447215.5/19$

Right Out: 3894.596 ± 1.072 $\chi^2/\text{NDF}: 1032752.3/18$

Left In: 2129.976 ± 0.403 $\chi^2/\text{NDF}: 378254.7/17$

Left: 2119.508 ± 0.279 $\chi^2/\text{NDF}: 826765.0/37$

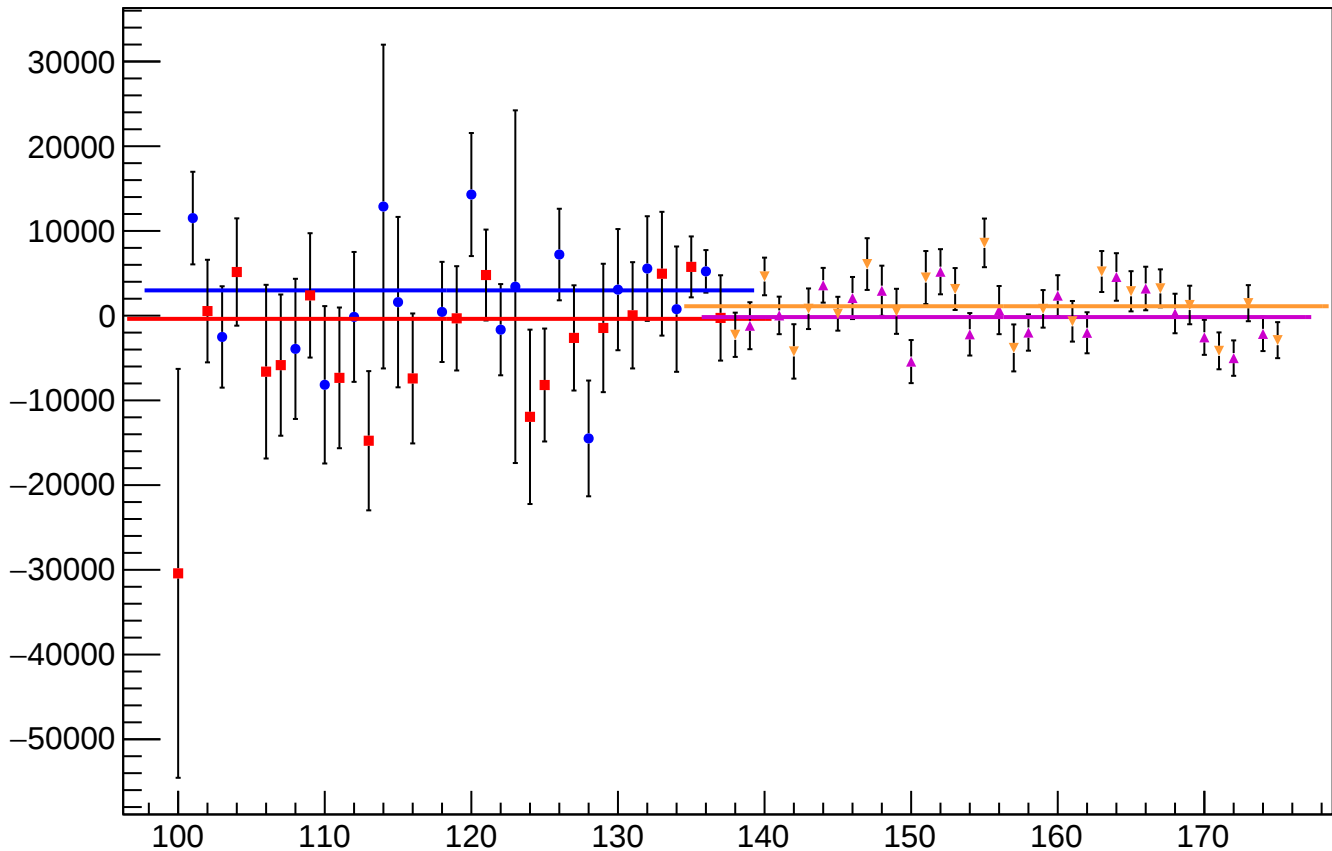
Right: 3744.683 ± 0.743 $\chi^2/\text{NDF}: 2162873.5/35$

In: 2326.094 ± 0.375 $\chi^2/\text{NDF}: 3253537.1/34$

Out: 2315.026 ± 0.363 $\chi^2/\text{NDF}: 3933296.4/38$

All: 2320.382 ± 0.261 $\chi^2/\text{NDF}: 7187282.3/73$

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 1111.791 $\pm$ 541.668 χ^2/NDF : 36.0/19

Right Out: -377.377 $\pm$ 1507.395 χ^2/NDF : 15.0/18

Left In: -166.317 $\pm$ 563.006 χ^2/NDF : 29.1/17

Left: 497.415 $\pm$ 390.343 χ^2/NDF : 67.8/37

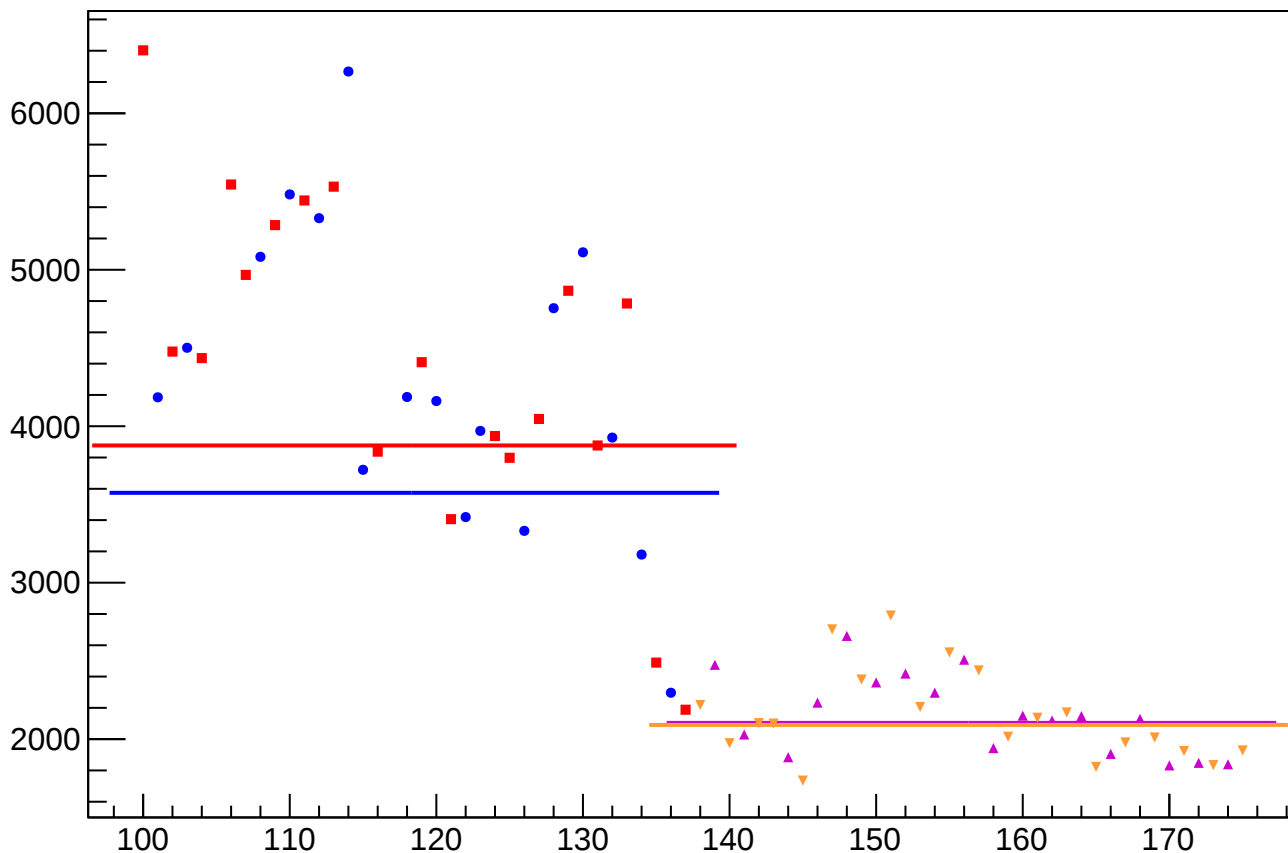
Right: 1375.706 $\pm$ 1042.614 χ^2/NDF : 35.1/35

In: 249.523 $\pm$ 524.528 χ^2/NDF : 50.7/34

Out: 941.491 $\pm$ 509.756 χ^2/NDF : 51.9/38

All: 605.388 $\pm$ 365.563 χ^2/NDF : 103.5/73

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2090.764 $\pm$ 0.383 χ^2 /NDF: 456250.4/19

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2103.952 $\pm$ 0.398 χ^2 /NDF: 361065.7/17

Left: 2097.103 $\pm$ 0.276 χ^2 /NDF: 817886.0/37

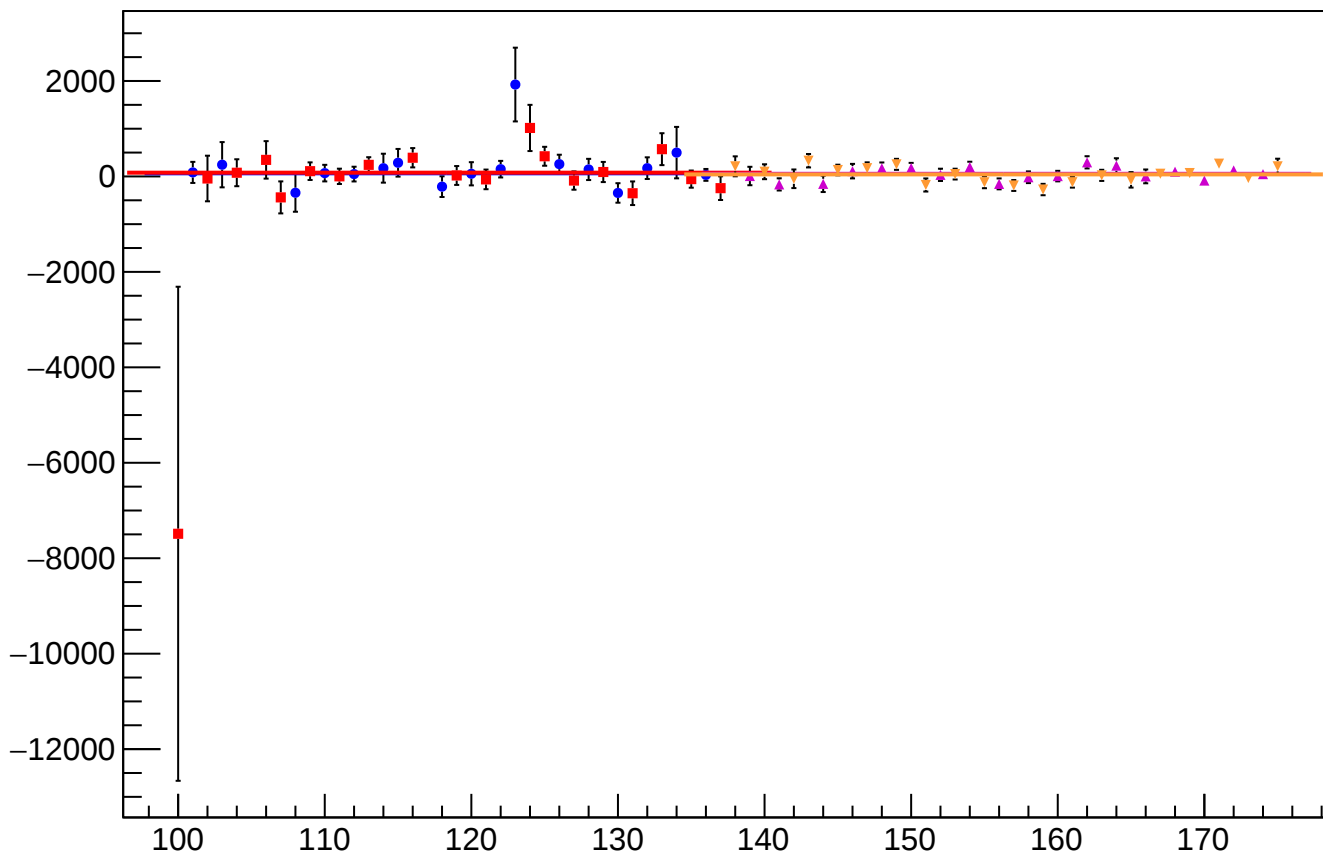
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2298.069 $\pm$ 0.371 χ^2 /NDF: 3253389.9/34

Out: 2295.051 $\pm$ 0.360 χ^2 /NDF: 3933922.3/38

All: 2296.517 $\pm$ 0.258 χ^2 /NDF: 7187346.3/73

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 42.961+/-26.206 χ^2/NDF : 36.9/19

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 55.151+/-27.187 χ^2/NDF : 20.6/17

Left: 48.832+/-18.868 χ^2/NDF : 57.6/37

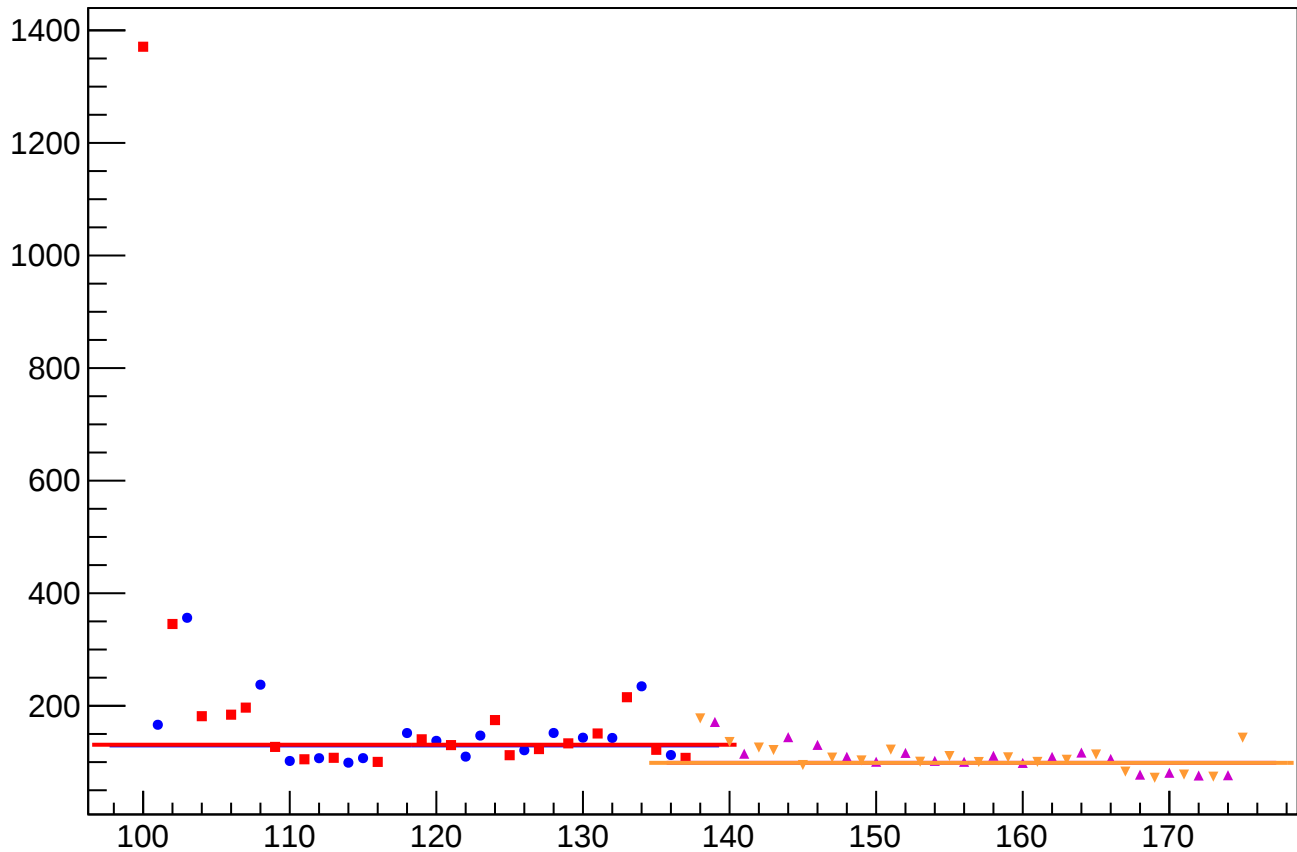
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 57.268+/-24.162 χ^2/NDF : 36.3/34

Out: 50.124+/-23.433 χ^2/NDF : 61.6/38

All: 53.587+/-16.821 χ^2/NDF : 98.0/73

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 98.689 $\pm$ 0.019 χ^2 /NDF:1310281.7/19

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 98.681 $\pm$ 0.019 χ^2 /NDF:1125850.5/17

Left: 98.685 $\pm$ 0.013 χ^2 /NDF: 2436132.3/37

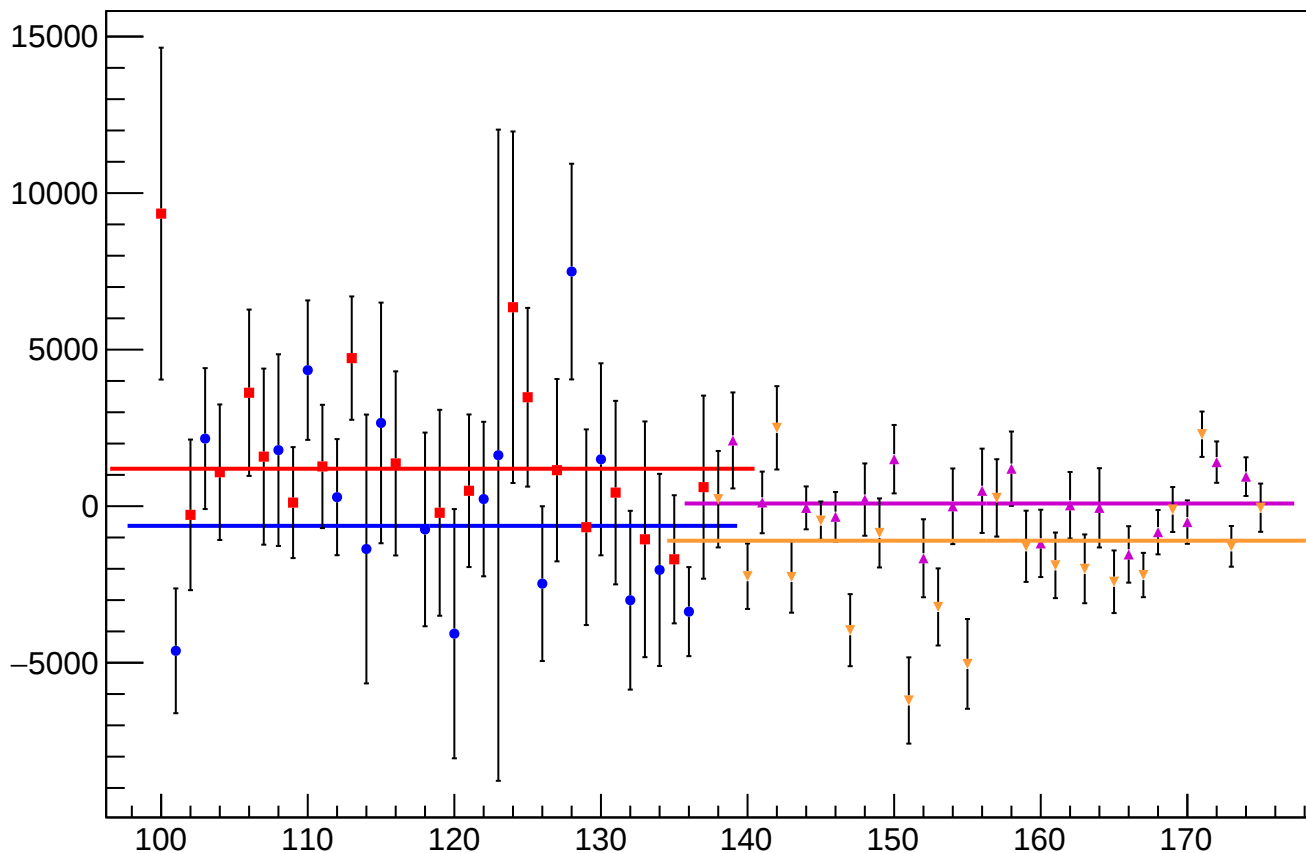
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 105.201 $\pm$ 0.017 χ^2 /NDF:2662643.8/34

Out: 105.140 $\pm$ 0.017 χ^2 /NDF:2957428.3/38

All: 105.170 $\pm$ 0.012 χ^2 /NDF: 5620078.5/73

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1102.662+/-210.096 χ^2/NDF : 74.3/19

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 85.642+/-213.404 χ^2/NDF : 19.7/17

Left: -517.790+/-149.716 χ^2/NDF : 109.8/37

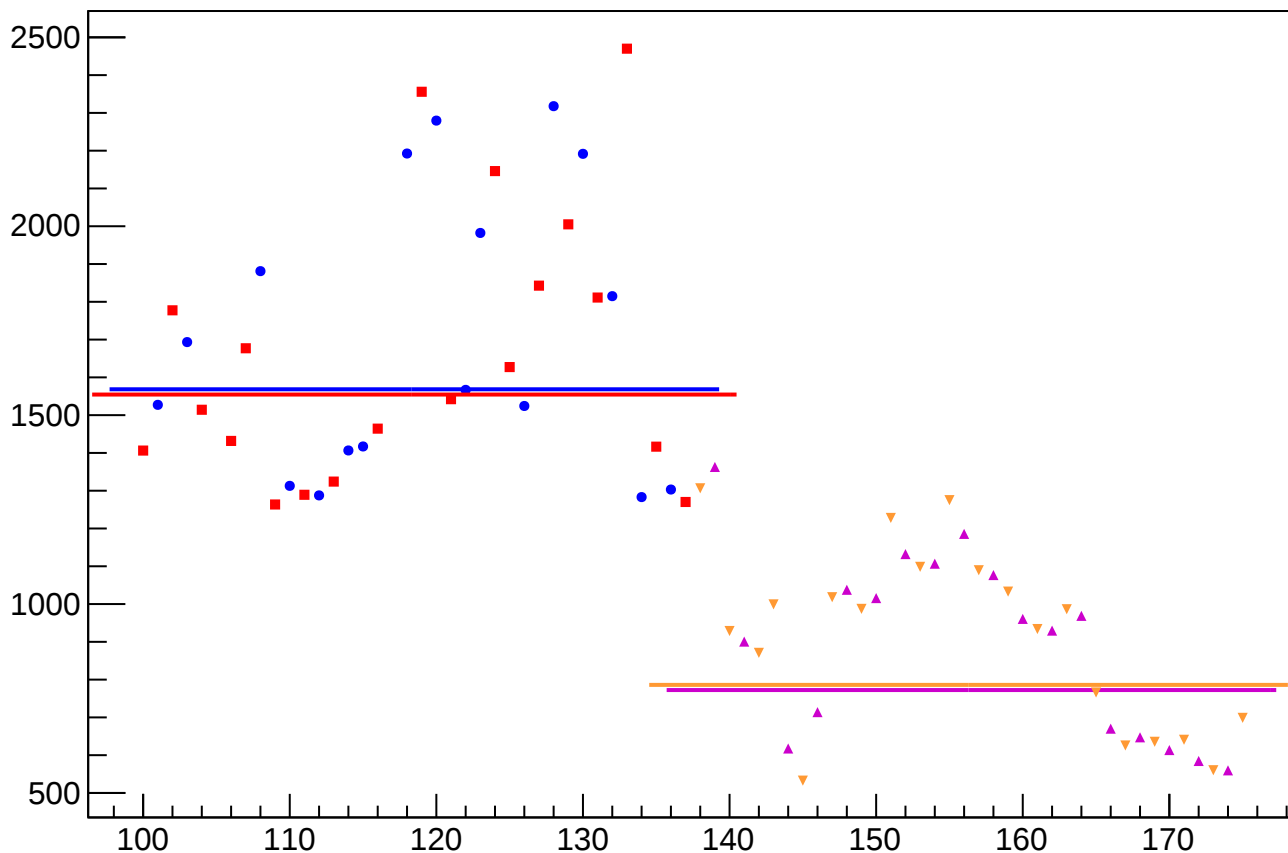
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: 10.354+/-201.836 χ^2/NDF : 45.2/34

Out: -848.333+/-198.134 χ^2/NDF : 99.3/38

All: -426.938+/-141.393 χ^2/NDF : 153.7/73

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 786.065+/-0.149 χ^2/NDF : 2262196.2/19

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 772.379+/-0.151 χ^2/NDF : 2033762.4/17

Left: 779.329+/-0.106 χ^2/NDF : 4300135.6/37

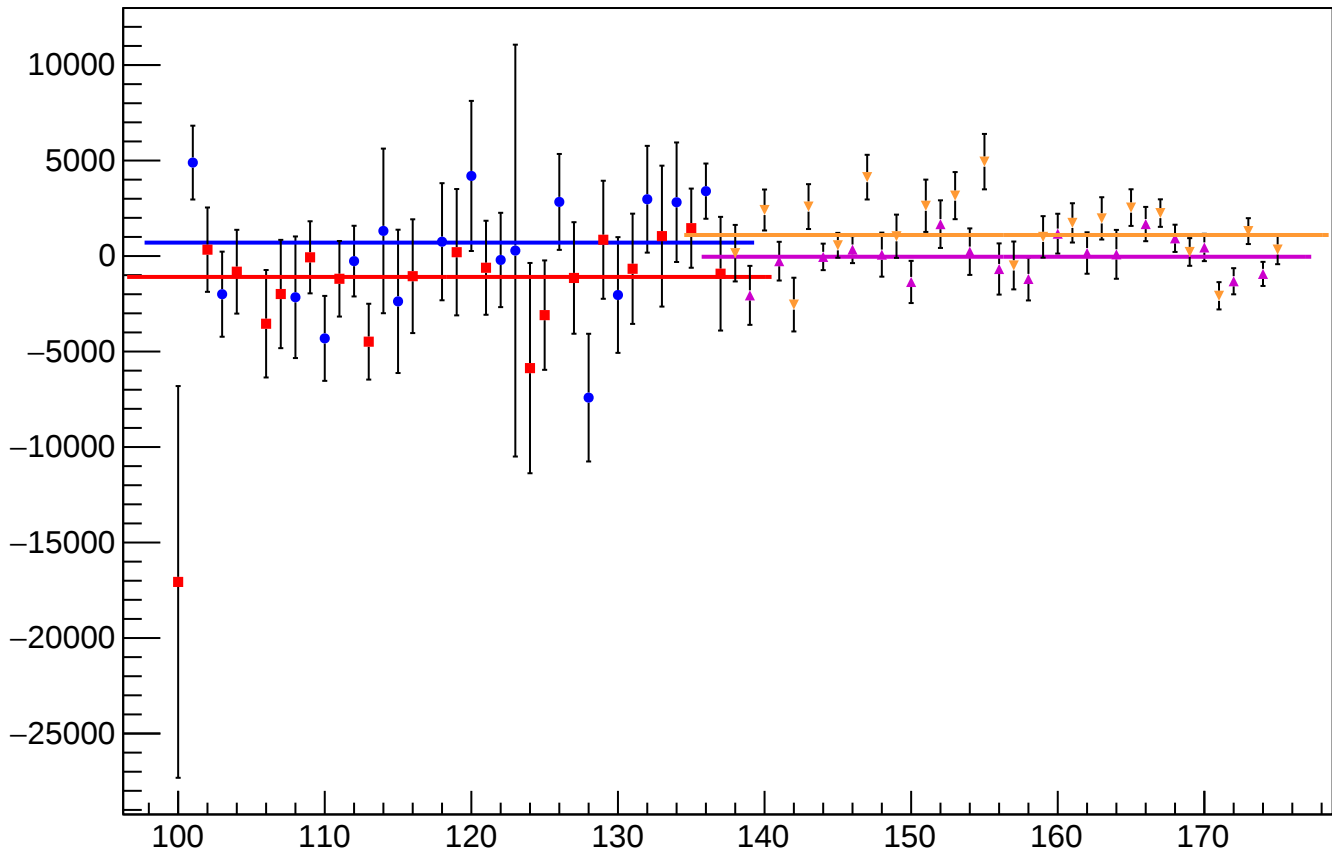
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 856.345+/-0.143 χ^2/NDF : 5503562.3/34

Out: 871.082+/-0.140 χ^2/NDF : 5734446.4/38

All: 863.850+/-0.100 χ^2/NDF : 11243438.6/73

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1102.027 $\pm$ 212.676 χ^2 /NDF:58.5/19

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -37.517 $\pm$ 213.727 χ^2 /NDF:19.6/17

Left: 535.064 $\pm$ 150.755 χ^2 /NDF: 92.4/37

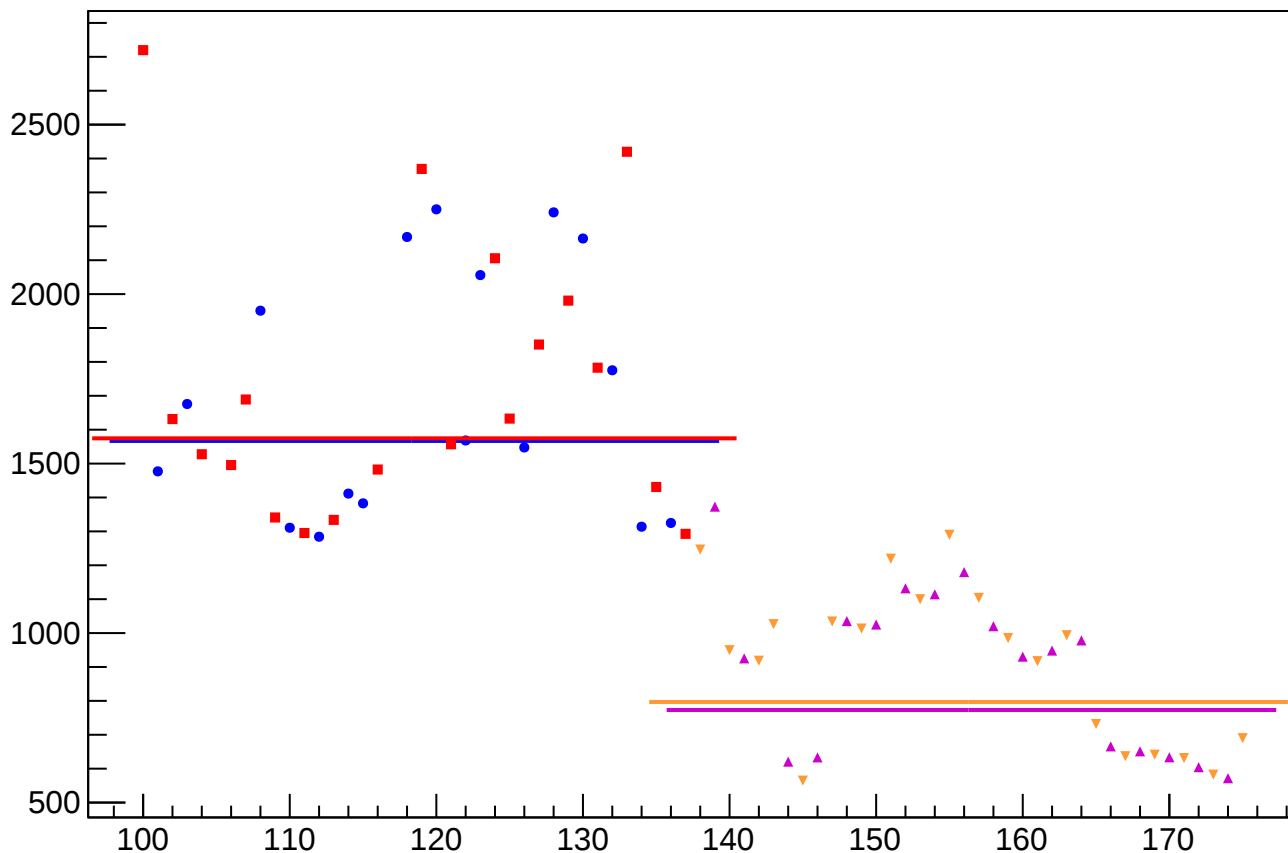
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 41.000 $\pm$ 202.080 χ^2 /NDF:46.8/34

Out: 859.236 $\pm$ 200.574 χ^2 /NDF:80.9/38

All: 453.178 $\pm$ 142.357 χ^2 /NDF: 136.0/73

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 796.732 $\pm$ 0.150 χ^2 /NDF: 2087171.3/19

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 773.082 $\pm$ 0.151 χ^2 /NDF: 1970397.6/17

Left: 784.965 $\pm$ 0.107 χ^2 /NDF: 4069874.3/37

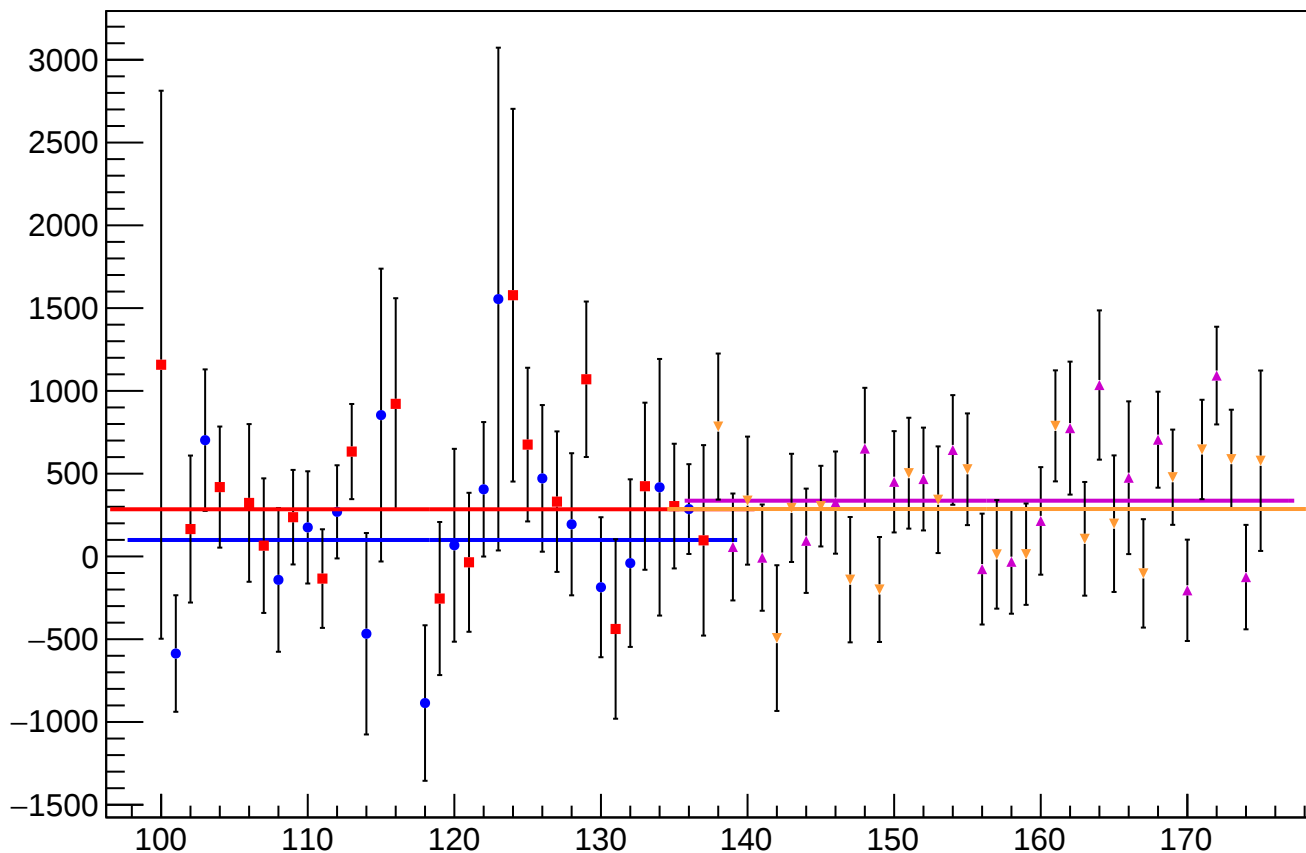
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 857.248 $\pm$ 0.143 χ^2 /NDF: 5395675.1/34

Out: 882.729 $\pm$ 0.142 χ^2 /NDF: 5509086.5/38

All: 870.084 $\pm$ 0.101 χ^2 /NDF: 10920781.2/73

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 286.476 $\pm$ 74.996 χ^2/NDF : 17.7/19

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 336.715 $\pm$ 77.634 χ^2/NDF : 24.6/17

Left: 310.727 $\pm$ 53.939 χ^2/NDF : 42.5/37

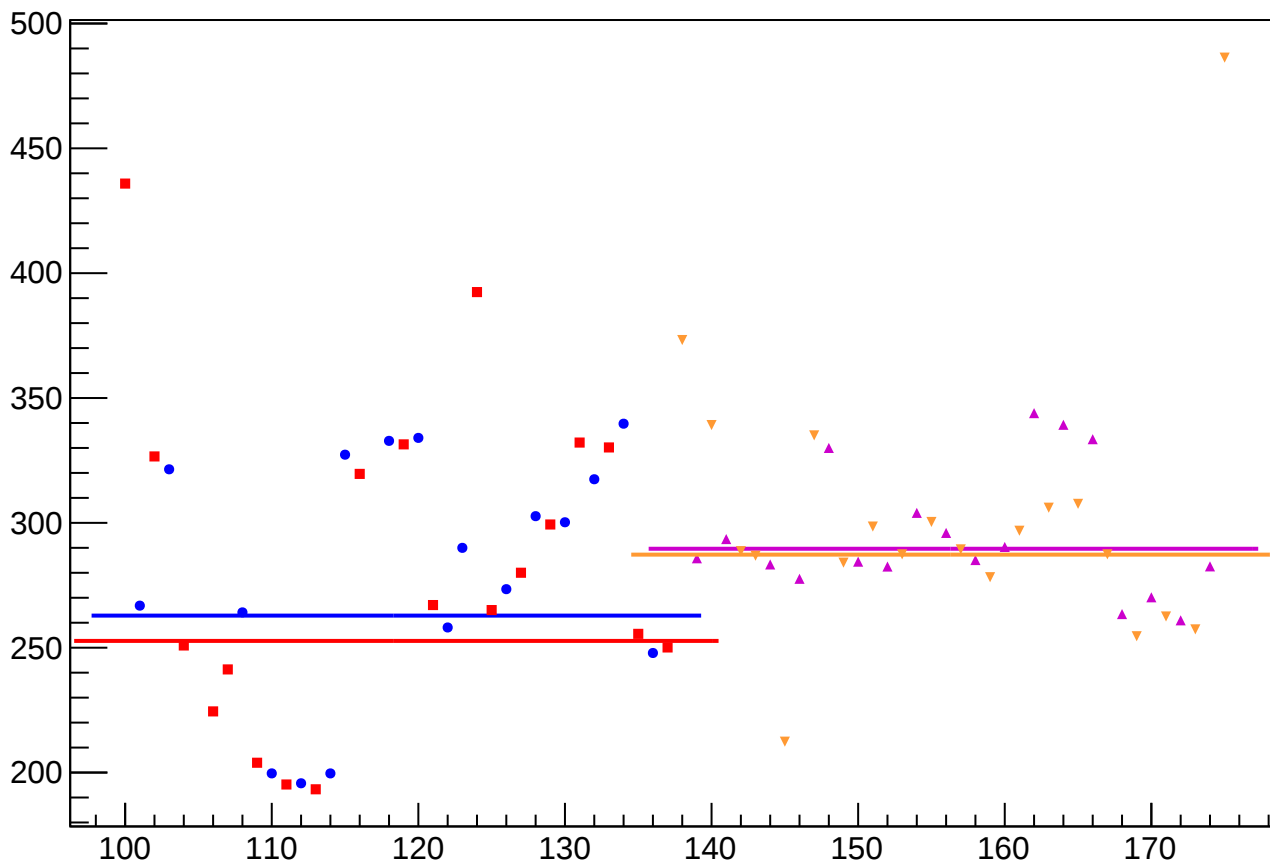
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 251.226 $\pm$ 62.097 χ^2/NDF : 43.9/34

Out: 285.885 $\pm$ 59.492 χ^2/NDF : 31.7/38

All: 269.297 $\pm$ 42.959 χ^2/NDF : 75.7/73

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 287.276 $\pm$ 0.053 χ^2 /NDF: 679123.2/19

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 289.628 $\pm$ 0.055 χ^2 /NDF: 158295.3/17

Left: 288.412 $\pm$ 0.038 χ^2 /NDF: 838367.8/37

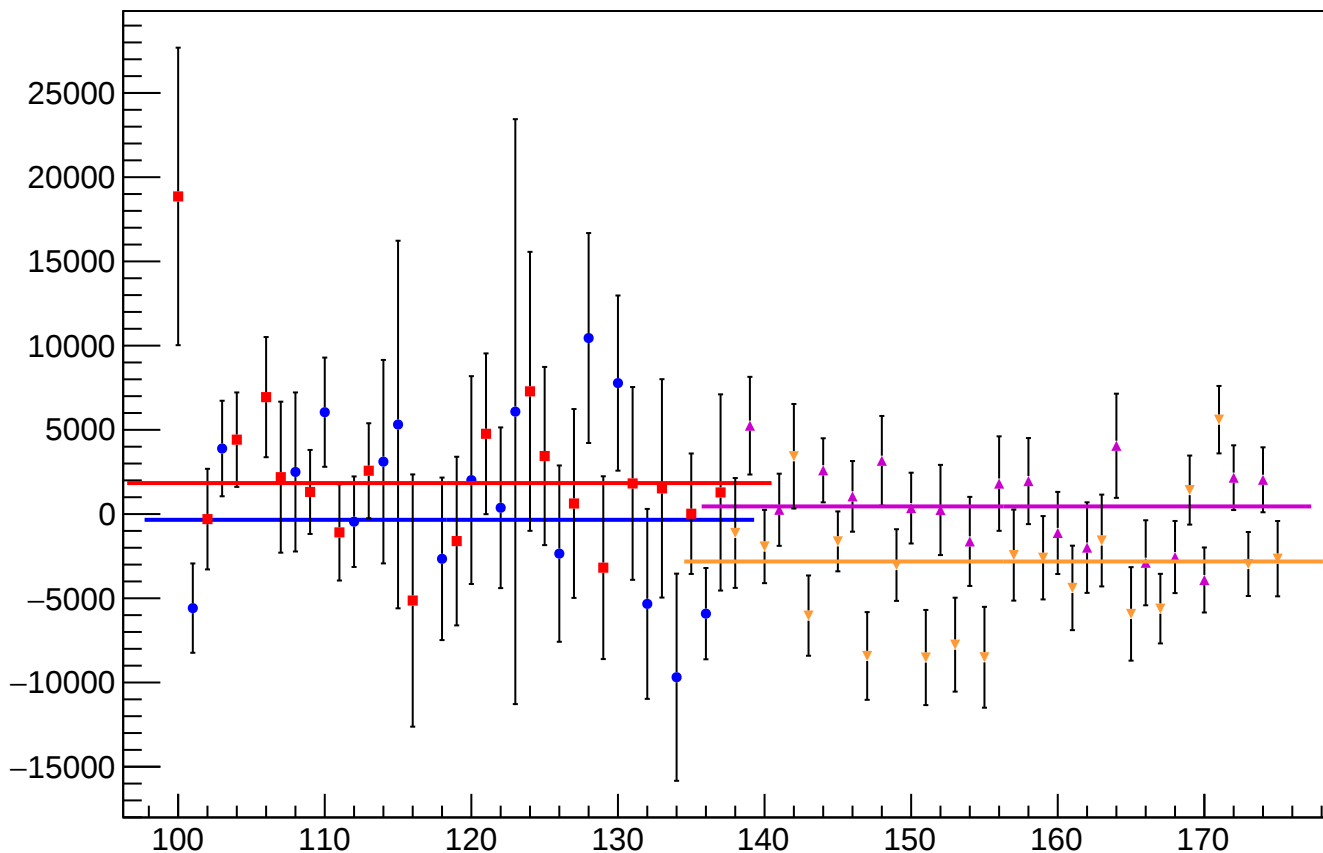
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 279.984 $\pm$ 0.044 χ^2 /NDF: 655665.1/34

Out: 274.465 $\pm$ 0.042 χ^2 /NDF: 1376269.4/38

All: 277.107 $\pm$ 0.030 χ^2 /NDF: 2040171.9/73

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2816.419+/-530.135 χ^2/NDF : 47.9/19

Right Out: 1840.596+/-924.746 χ^2/NDF : 11.7/18

Left In: 453.882+/-545.083 χ^2/NDF : 19.2/17

Left: -1226.723+/-380.037 χ^2/NDF : 85.7/37

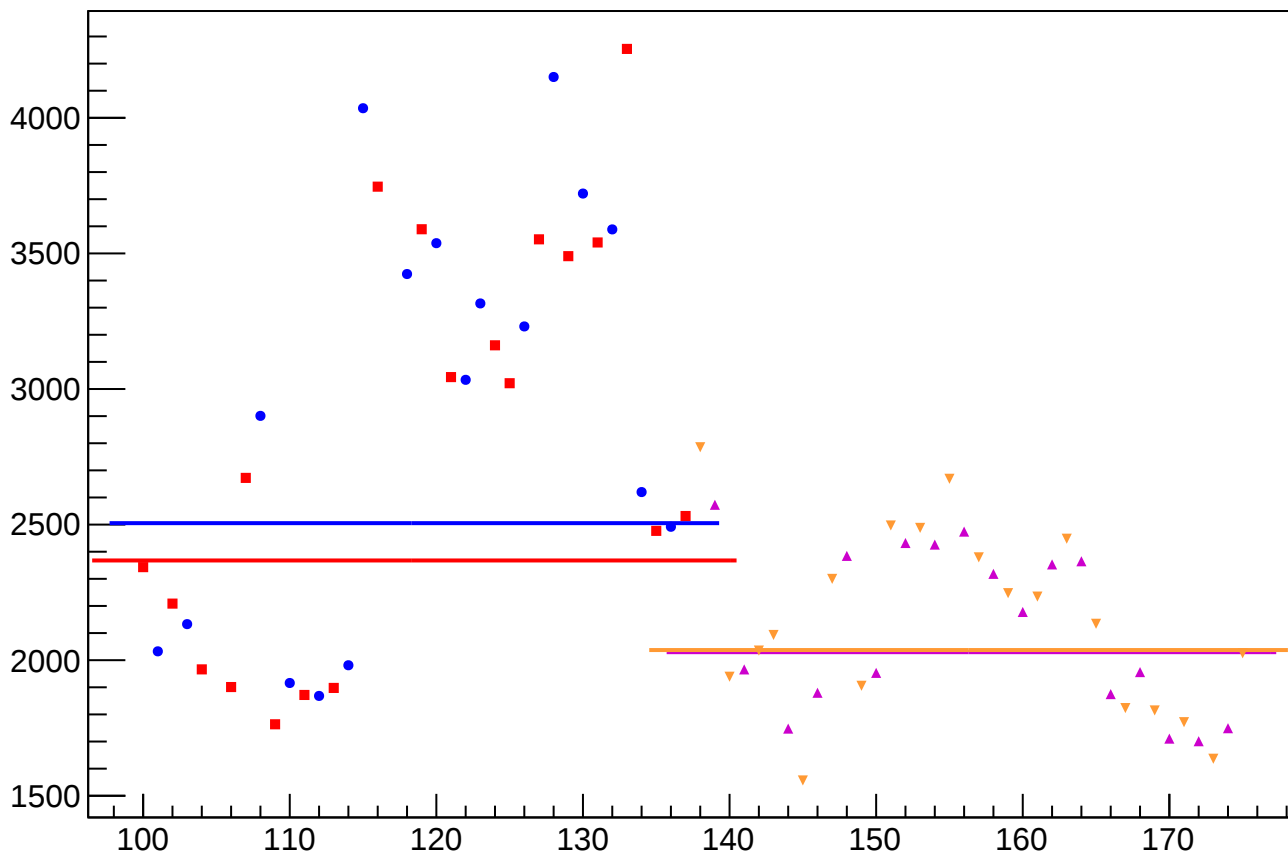
Right: 839.728+/-680.387 χ^2/NDF : 38.7/35

In: 272.980+/-479.106 χ^2/NDF : 44.1/34

Out: -1664.487+/-459.920 χ^2/NDF : 78.7/38

All: -735.323+/-331.788 χ^2/NDF : 131.4/73

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2037.363 $\pm$ 0.375 χ^2 /NDF: 754664.9/19

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 2029.548 $\pm$ 0.385 χ^2 /NDF: 555505.5/17

Left: 2033.564 $\pm$ 0.269 χ^2 /NDF: 1310381.7/37

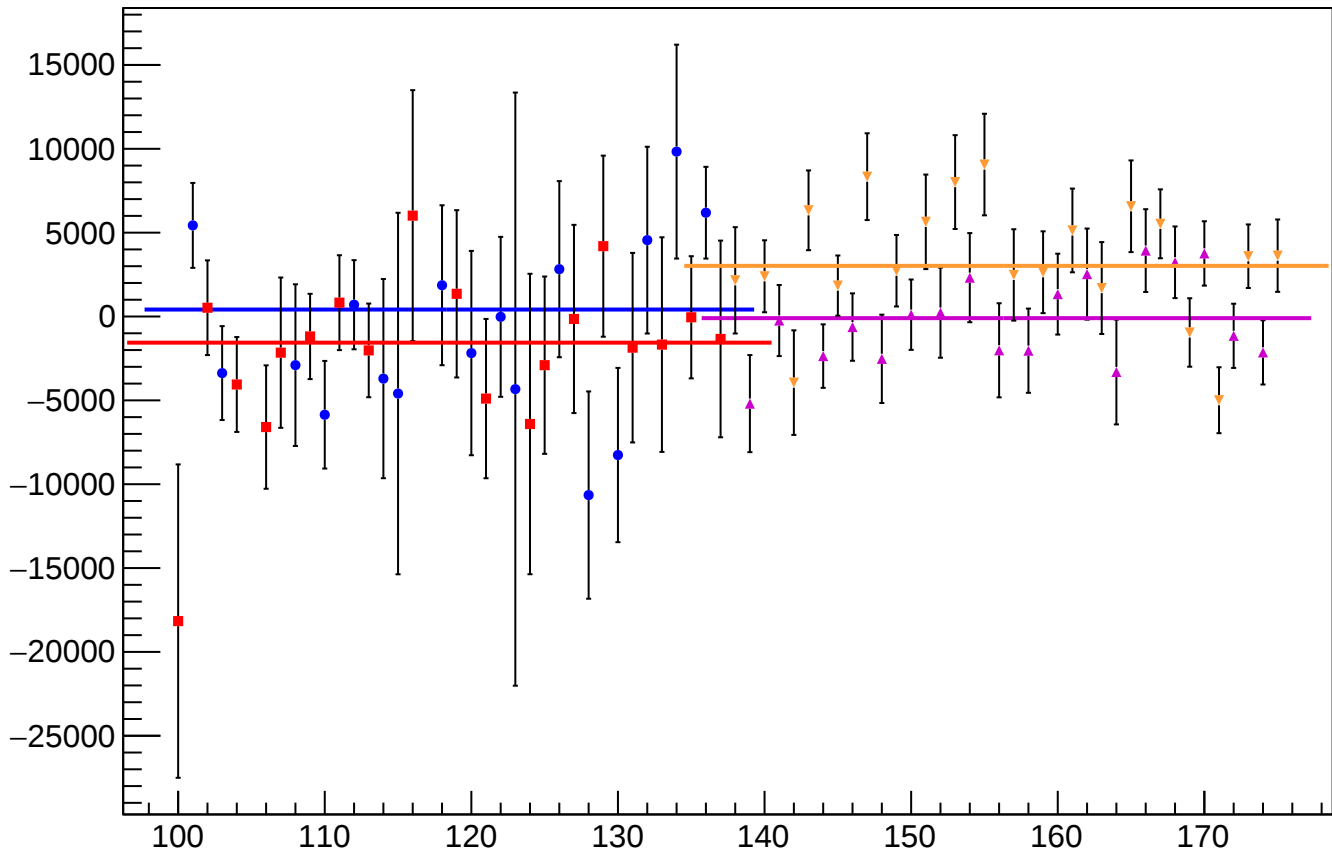
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2137.755 $\pm$ 0.339 χ^2 /NDF: 1766189.2/34

Out: 2119.081 $\pm$ 0.325 χ^2 /NDF: 1977679.4/38

All: 2128.036 $\pm$ 0.235 χ^2 /NDF: 3745449.9/73

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 3020.628 $\pm$ 527.235 χ^2 /NDF:44.6/19

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: -97.748 $\pm$ 541.065 χ^2 /NDF:20.3/17

Left: 1501.803 $\pm$ 377.606 χ^2 /NDF: 81.9/37

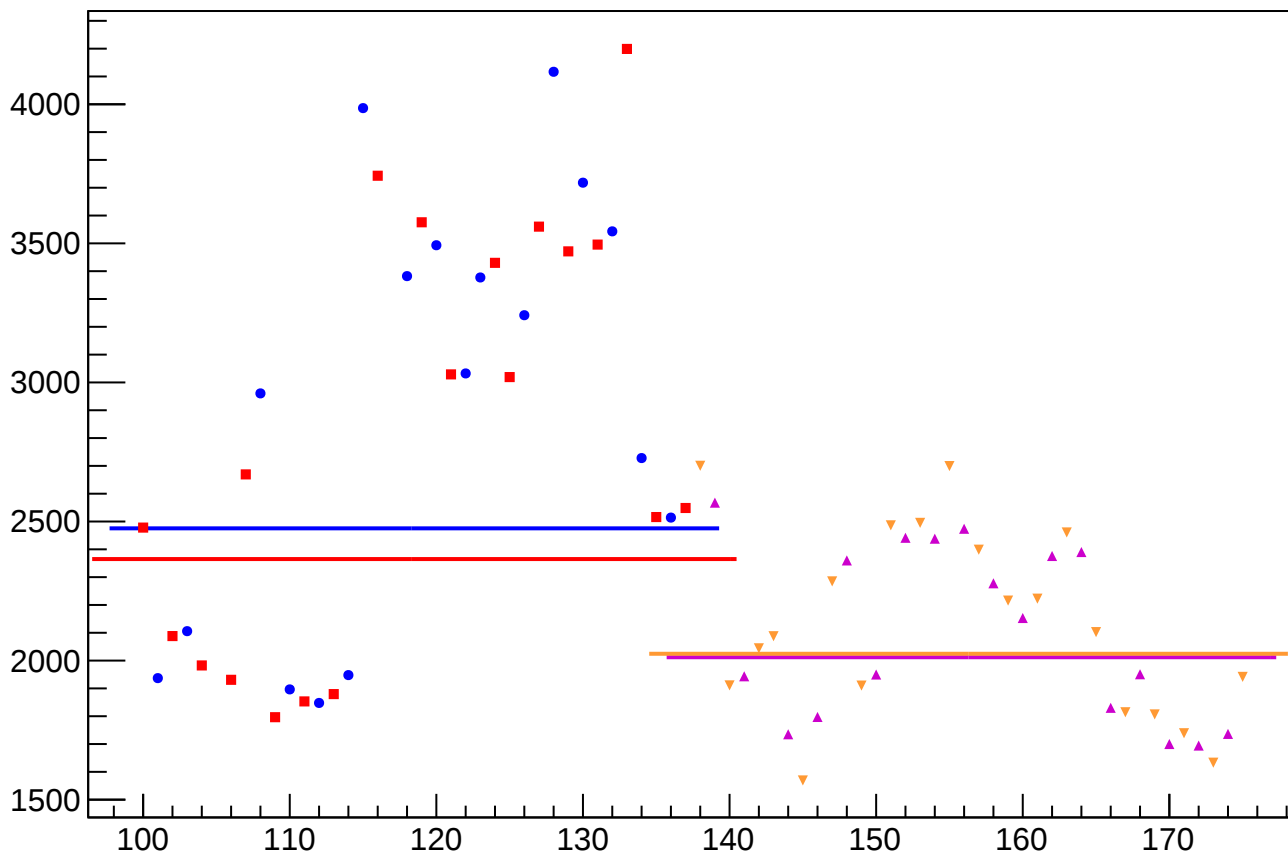
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: 19.411 $\pm$ 475.322 χ^2 /NDF:45.0/34

Out: 1896.655 $\pm$ 457.985 χ^2 /NDF:73.8/38

All: 992.894 $\pm$ 329.803 χ^2 /NDF: 126.9/73

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 ± 0.704 $\chi^2/\text{NDF}: 913073.5/16$

Left Out: 2024.527 ± 0.373 $\chi^2/\text{NDF}: 751497.7/19$

Right Out: 2365.025 ± 0.654 $\chi^2/\text{NDF}: 1027171.5/18$

Left In: 2012.045 ± 0.383 $\chi^2/\text{NDF}: 591077.5/17$

Left: 2018.447 ± 0.267 $\chi^2/\text{NDF}: 1343121.1/37$

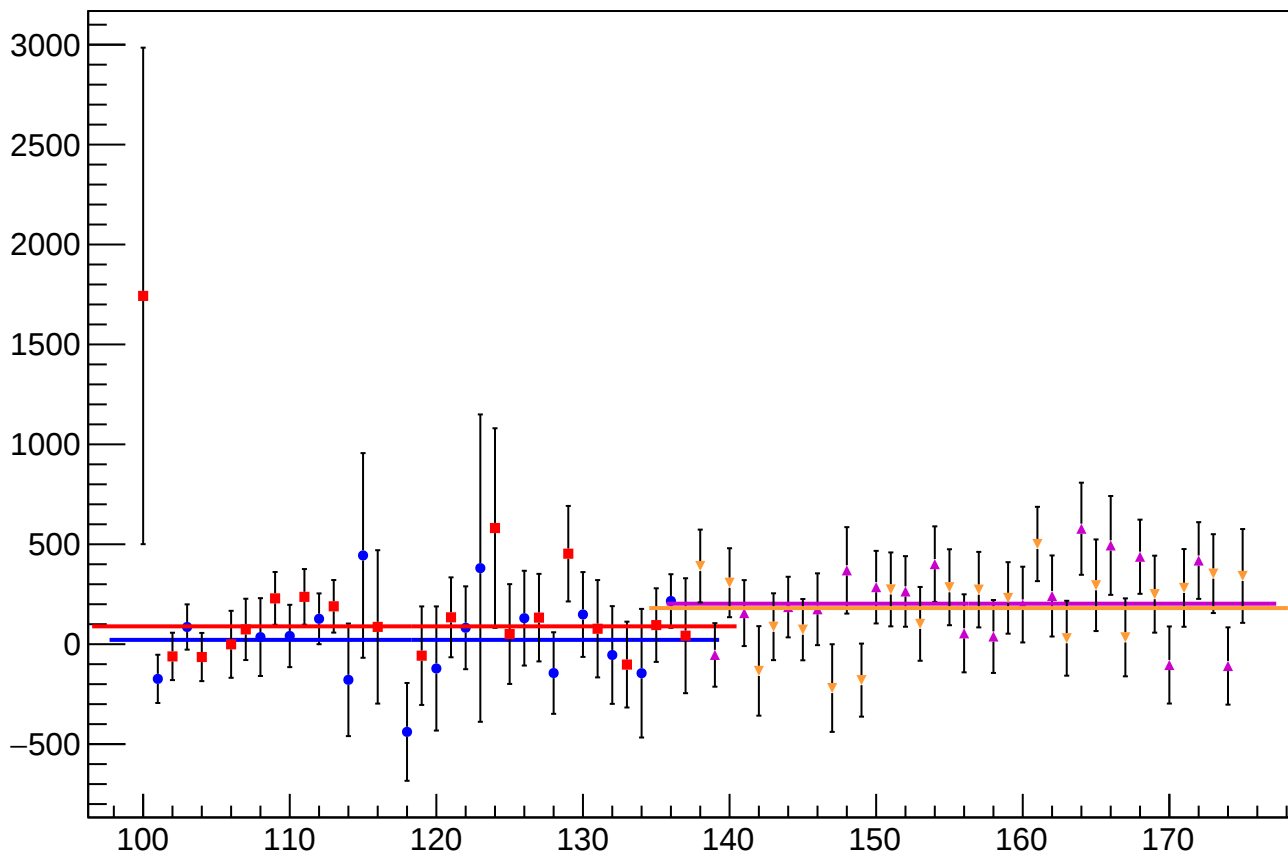
Right: 2416.181 ± 0.479 $\chi^2/\text{NDF}: 1953463.4/35$

In: 2117.813 ± 0.336 $\chi^2/\text{NDF}: 1838985.4/34$

Out: 2108.099 ± 0.324 $\chi^2/\text{NDF}: 1983407.1/38$

All: 2112.775 ± 0.233 $\chi^2/\text{NDF}: 3822825.7/73$

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 180.704 $\pm$ 42.327 χ^2 /NDF:19.0/19

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 202.753 $\pm$ 44.024 χ^2 /NDF:18.2/17

Left: 191.295 $\pm$ 30.512 χ^2 /NDF: 37.3/37

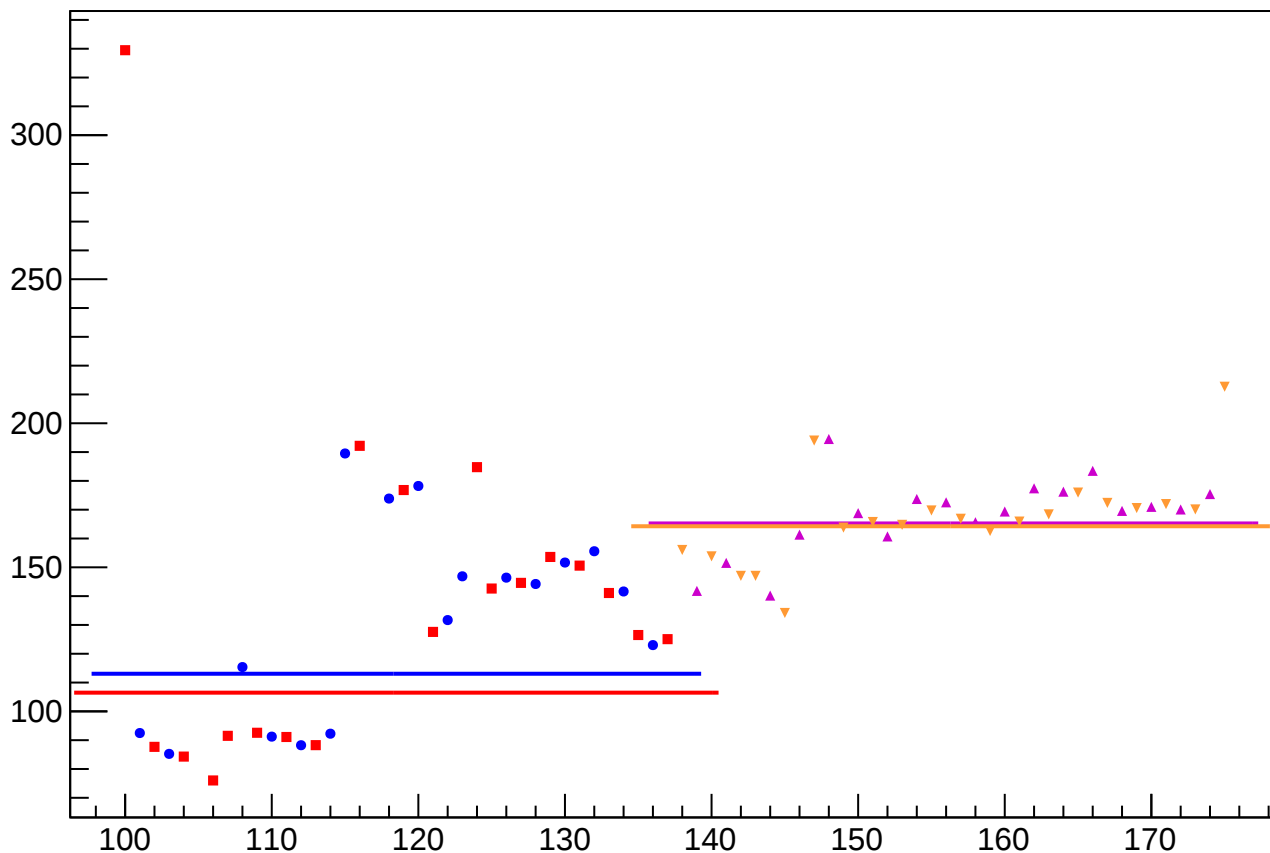
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 114.501 $\pm$ 31.522 χ^2 /NDF:39.0/34

Out: 134.439 $\pm$ 29.743 χ^2 /NDF:34.1/38

All: 125.049 $\pm$ 21.633 χ^2 /NDF: 73.3/73

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 164.252 $\pm$ 0.030 χ^2/NDF :262648.4/19

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 165.226 $\pm$ 0.031 χ^2/NDF :191707.8/17

Left: 164.720 $\pm$ 0.022 χ^2/NDF : 454865.3/37

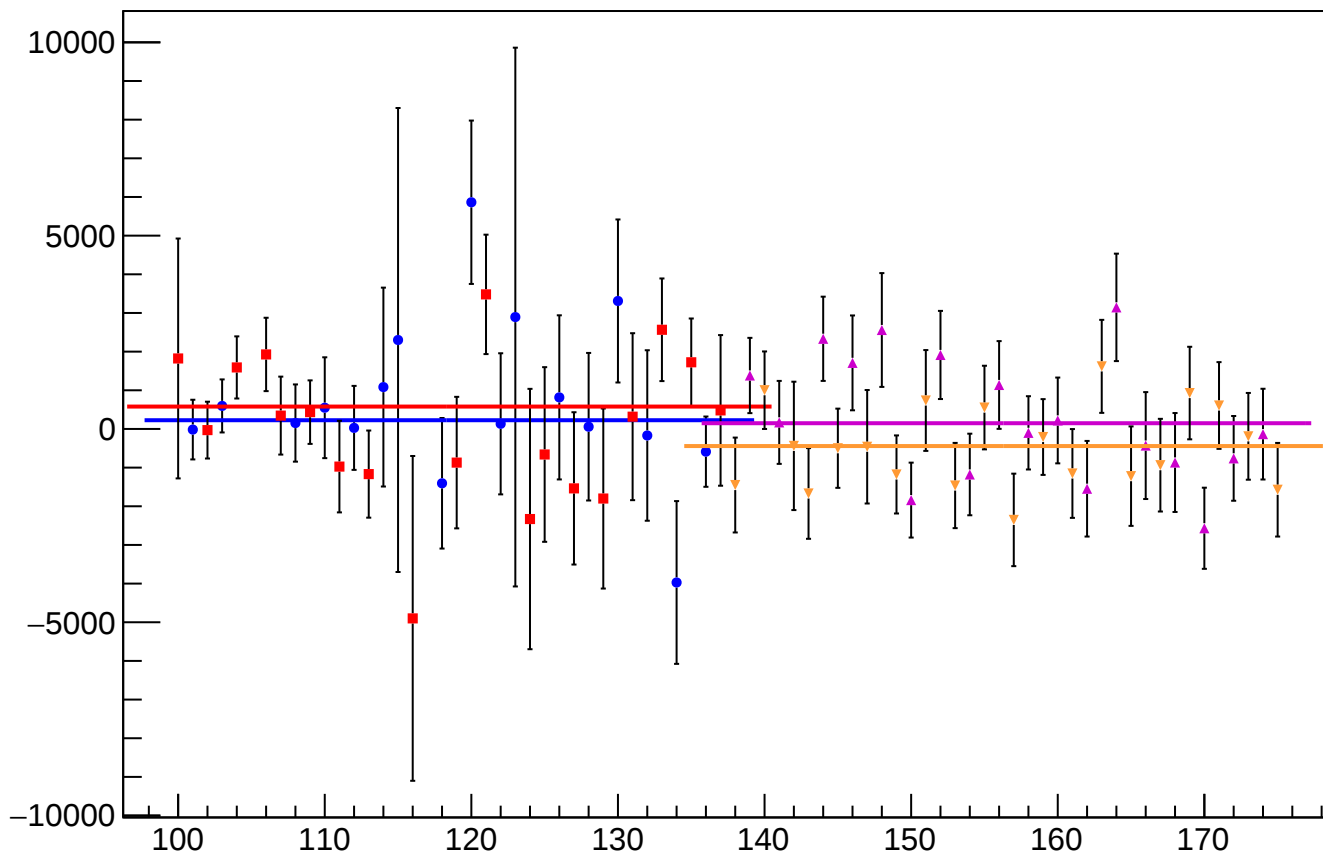
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 139.805 $\pm$ 0.022 χ^2/NDF :2381007.0/34

Out: 135.012 $\pm$ 0.021 χ^2/NDF :3164162.1/38

All: 137.269 $\pm$ 0.015 χ^2/NDF : 5569627.7/73

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -442.450 $\pm$ 259.317 χ^2/NDF : 16.5/19

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 148.303 $\pm$ 266.307 χ^2/NDF : 33.7/17

Left: -154.929 $\pm$ 185.787 χ^2/NDF : 52.7/37

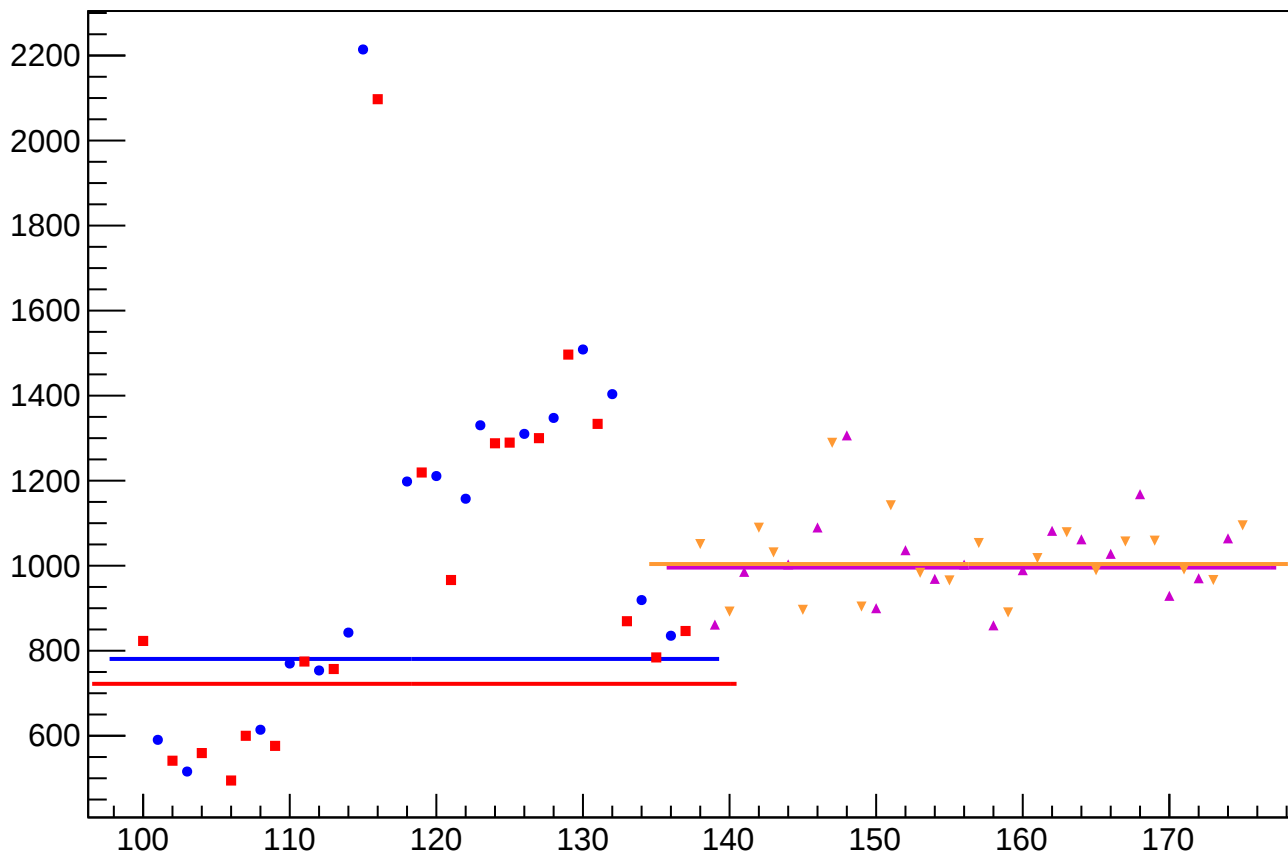
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 179.781 $\pm$ 205.064 χ^2/NDF : 49.7/34

Out: 12.739 $\pm$ 193.079 χ^2/NDF : 44.5/38

All: 91.236 $\pm$ 140.573 χ^2/NDF : 94.6/73

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1003.956 $\pm$ 0.183 χ^2 /NDF:237718.3/19

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 995.578 $\pm$ 0.188 χ^2 /NDF:271655.4/17

Left: 999.879 $\pm$ 0.131 χ^2 /NDF: 510389.7/37

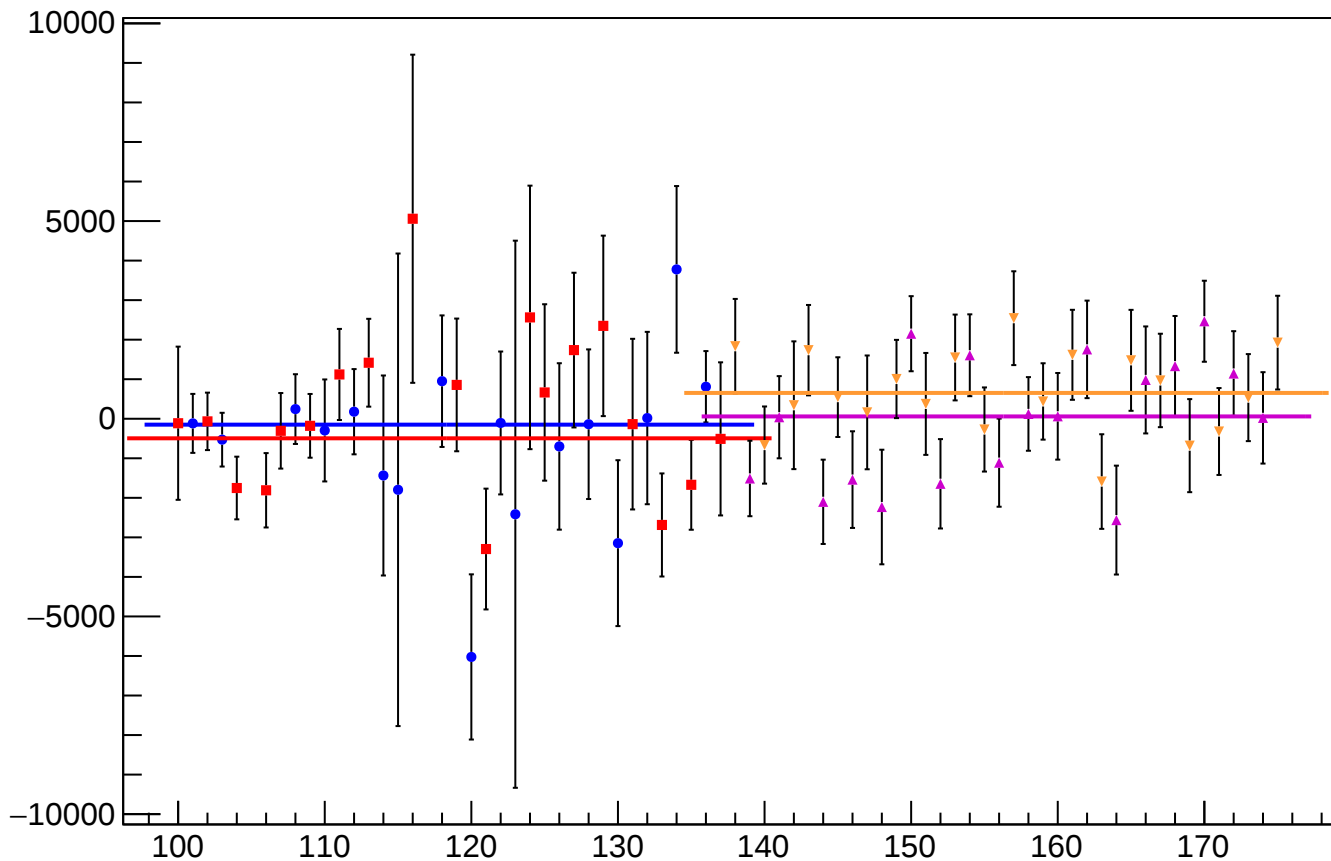
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 908.111 $\pm$ 0.145 χ^2 /NDF:2411200.2/34

Out: 878.376 $\pm$ 0.137 χ^2 /NDF:2919026.0/38

All: 892.349 $\pm$ 0.099 χ^2 /NDF: 5352516.3/73

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 653.284 ± 254.903 χ^2/NDF : 16.0/19

Right Out: -494.856 ± 282.721 χ^2/NDF : 23.7/18

Left In: 58.763 ± 261.797 χ^2/NDF : 35.0/17

Left: 363.954 ± 182.632 χ^2/NDF : 53.7/37

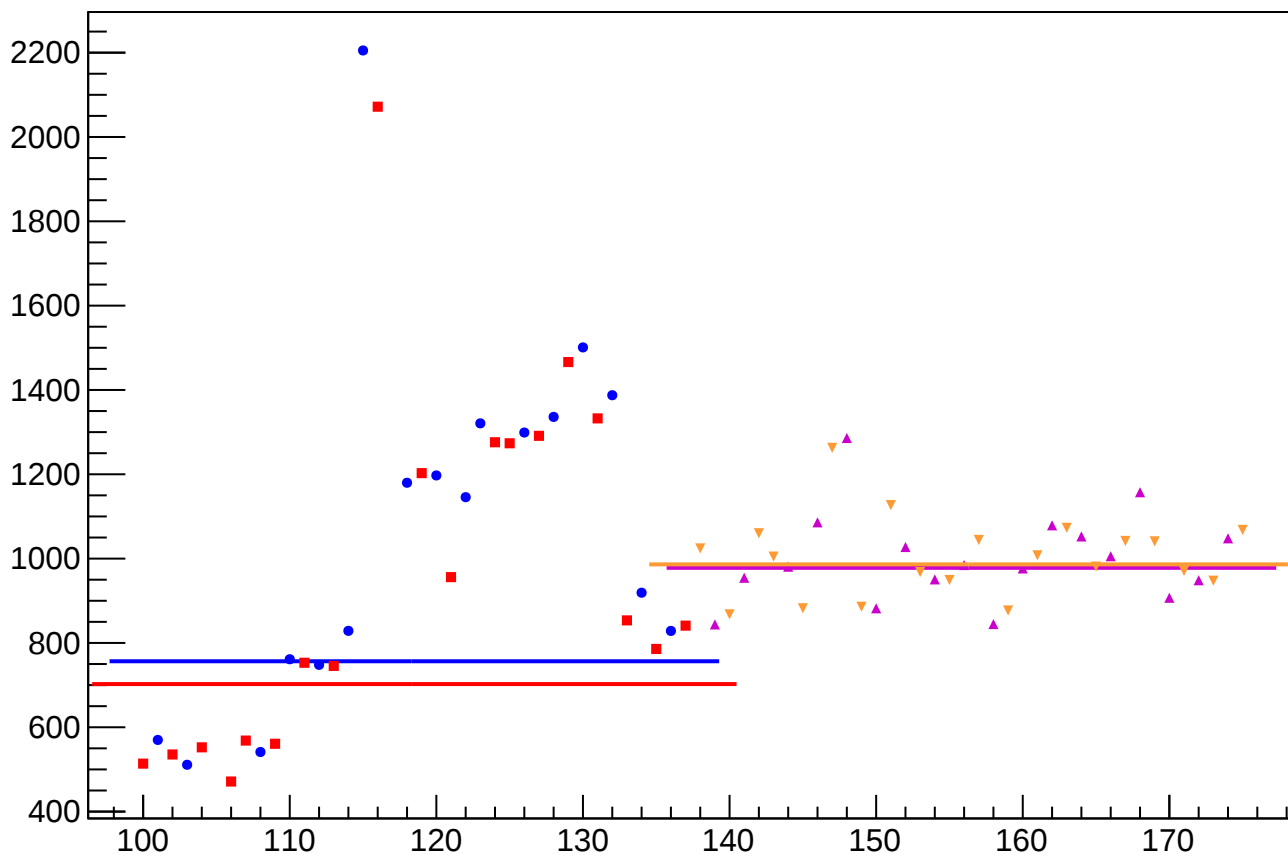
Right: -339.515 ± 209.793 χ^2/NDF : 40.5/35

In: -26.835 ± 200.804 χ^2/NDF : 51.4/34

Out: 138.463 ± 189.317 χ^2/NDF : 48.8/38

All: 60.677 ± 137.749 χ^2/NDF : 100.5/73

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 986.333+/-0.180 χ^2/NDF : 241543.0/19

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 978.158+/-0.185 χ^2/NDF : 291767.3/17

Left: 982.355+/-0.129 χ^2/NDF : 534311.5/37

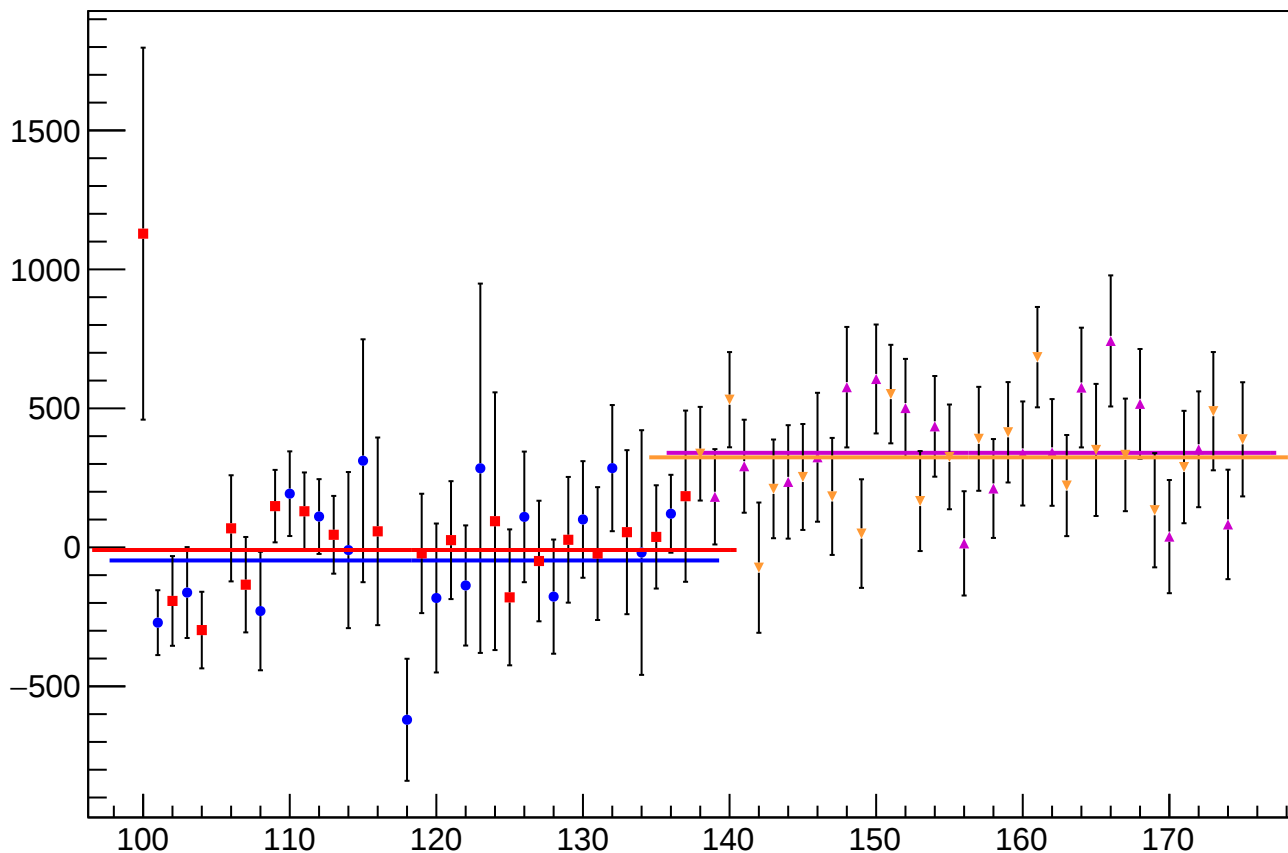
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 886.922+/-0.142 χ^2/NDF : 2595438.8/34

Out: 859.039+/-0.134 χ^2/NDF : 3043282.0/38

All: 872.160+/-0.097 χ^2/NDF : 5659137.7/73

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 323.854 ± 42.927 $\chi^2/\text{NDF}: 16.0/19$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 340.023 ± 45.836 $\chi^2/\text{NDF}: 17.7/17$

Left: 331.409 ± 31.332 $\chi^2/\text{NDF}: 33.7/37$

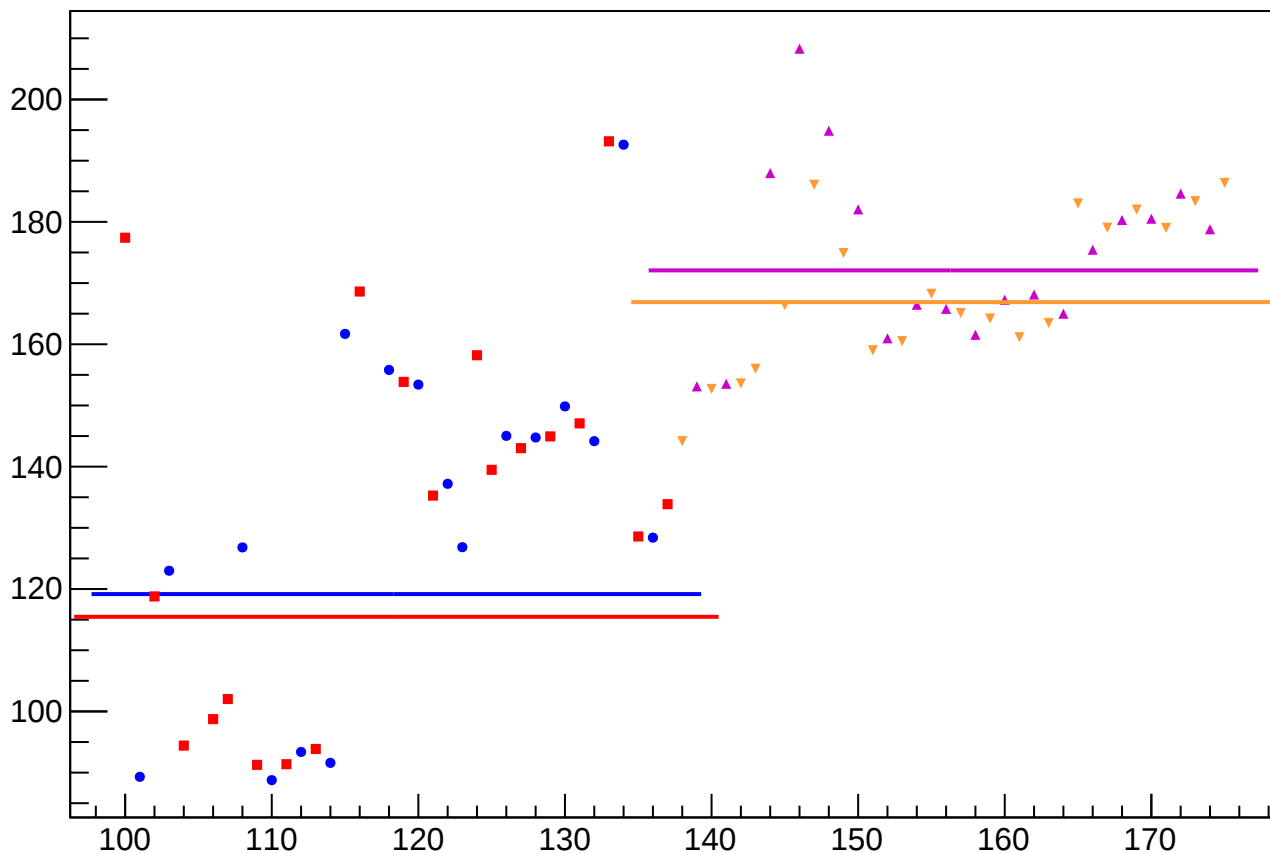
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 152.388 ± 32.906 $\chi^2/\text{NDF}: 74.1/34$

Out: 164.098 ± 30.978 $\chi^2/\text{NDF}: 57.9/38$

All: 158.596 ± 22.556 $\chi^2/\text{NDF}: 132.2/73$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 166.888+/-0.030 χ^2/NDF :158455.1/19

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 172.073+/-0.032 χ^2/NDF :177548.6/17

Left: 169.311+/-0.022 χ^2/NDF : 349638.3/37

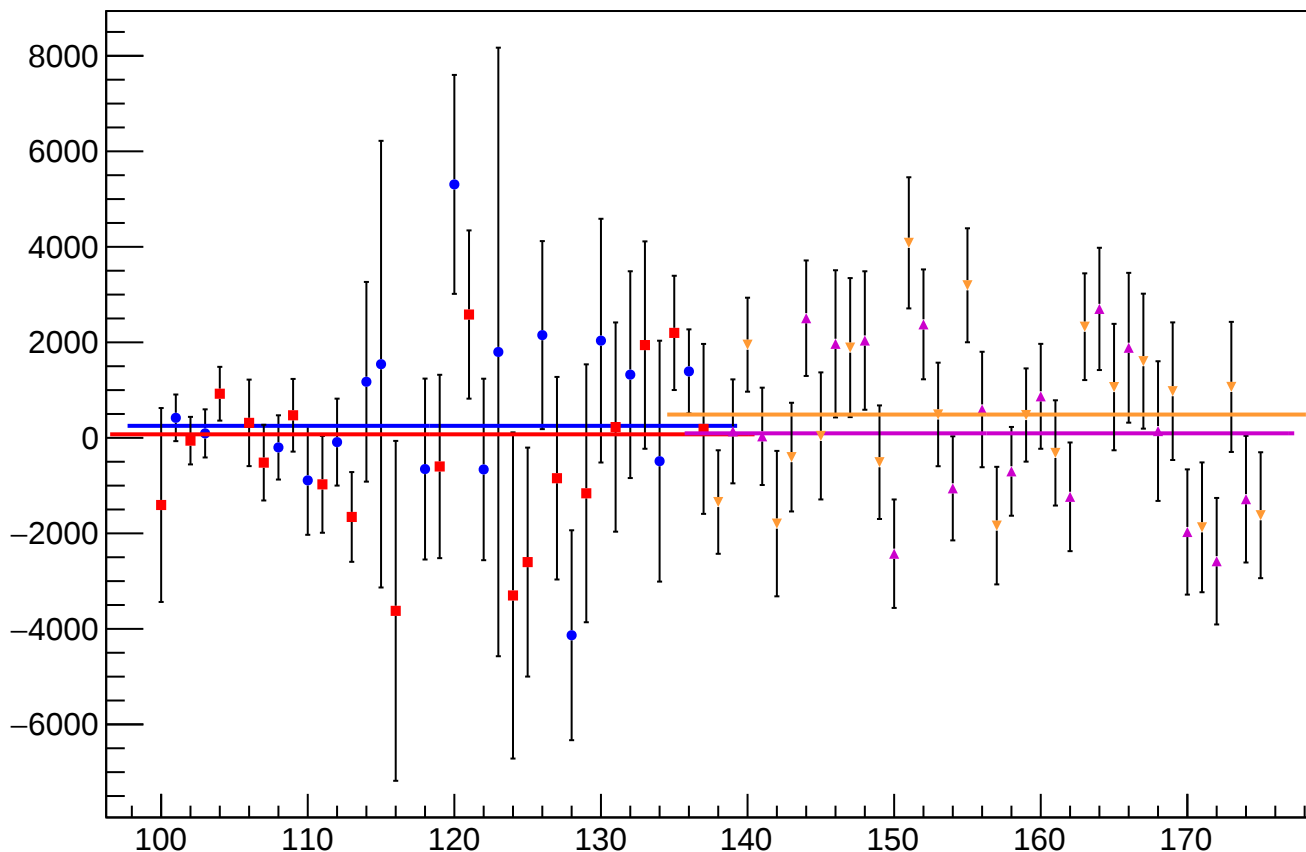
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 146.438+/-0.023 χ^2/NDF :2083755.2/34

Out: 142.245+/-0.022 χ^2/NDF :2226607.4/38

All: 144.215+/-0.016 χ^2/NDF : 4327575.0/73

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 488.263 $\pm$ 272.597 χ^2/NDF :35.2/19

Right Out: 74.126 $\pm$ 243.967 χ^2/NDF : 18.0/18

Left In: 94.869 $\pm$ 283.900 χ^2/NDF :33.1/17

Left: 299.553 $\pm$ 196.630 χ^2/NDF : 69.3/37

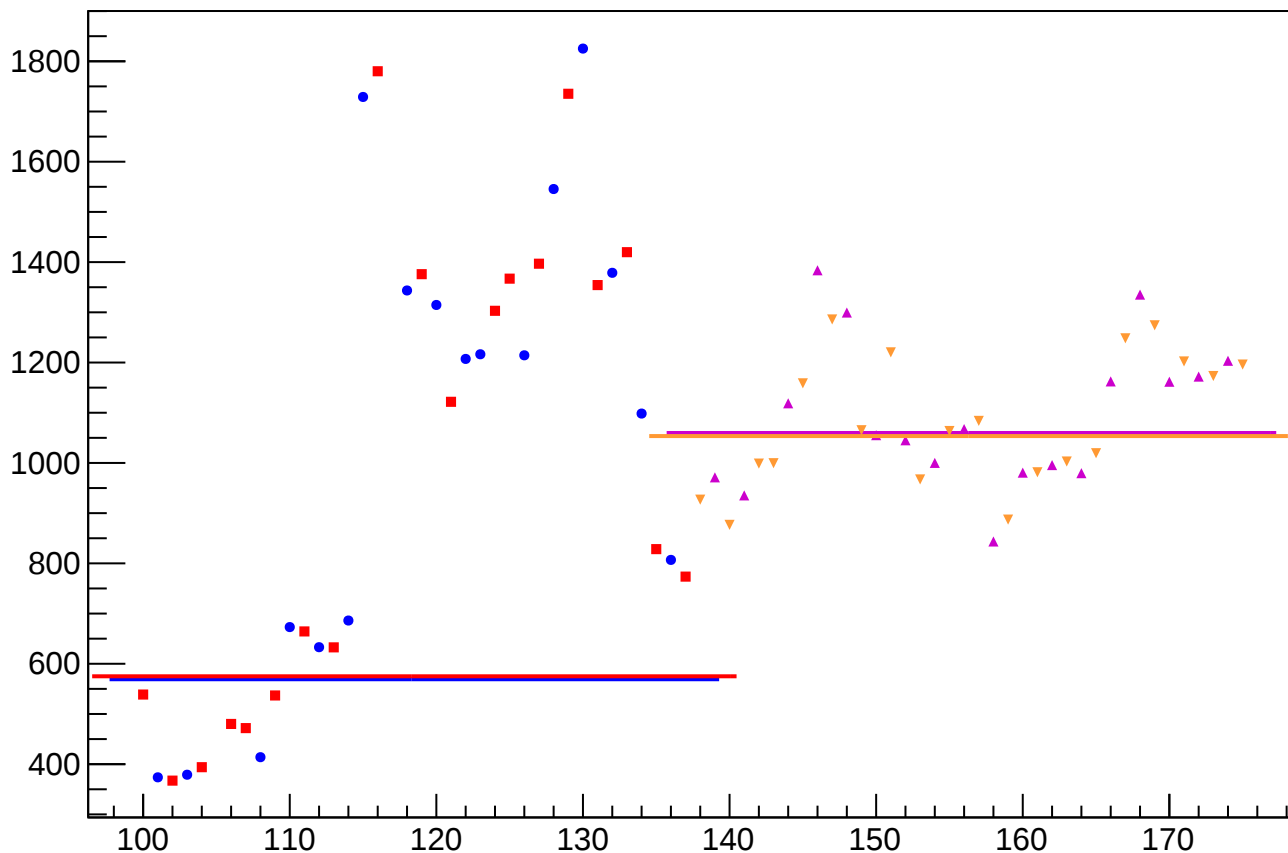
Right: 159.765 $\pm$ 175.557 χ^2/NDF : 33.1/35

In: 182.354 $\pm$ 188.806 χ^2/NDF :48.1/34

Out: 258.311 $\pm$ 181.793 χ^2/NDF :54.4/38

All: 221.770 $\pm$ 130.956 χ^2/NDF : 102.7/73

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1053.532 $\pm$ 0.193 χ^2 /NDF: 425796.9/19

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1059.651 $\pm$ 0.201 χ^2 /NDF: 459528.2/17

Left: 1056.467 $\pm$ 0.139 χ^2 /NDF: 885808.5/37

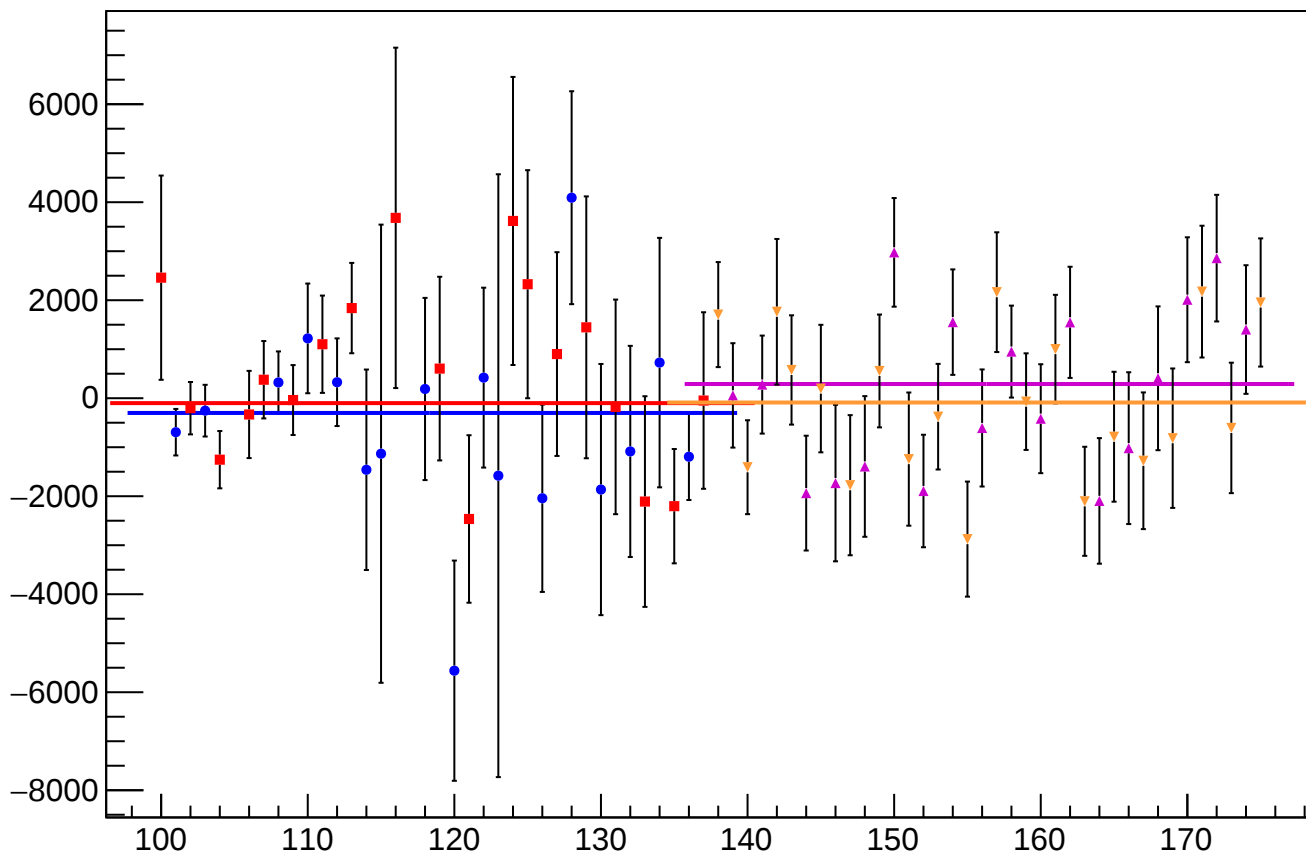
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 786.119 $\pm$ 0.134 χ^2 /NDF: 7055494.9/34

Out: 787.854 $\pm$ 0.129 χ^2 /NDF: 6906151.7/38

All: 787.019 $\pm$ 0.093 χ^2 /NDF: 13961734.2/73

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -87.639 ± 269.392 χ^2/NDF : 29.1/19

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 289.801 ± 281.347 χ^2/NDF : 30.9/17

Left: 92.892 ± 194.578 χ^2/NDF : 60.9/37

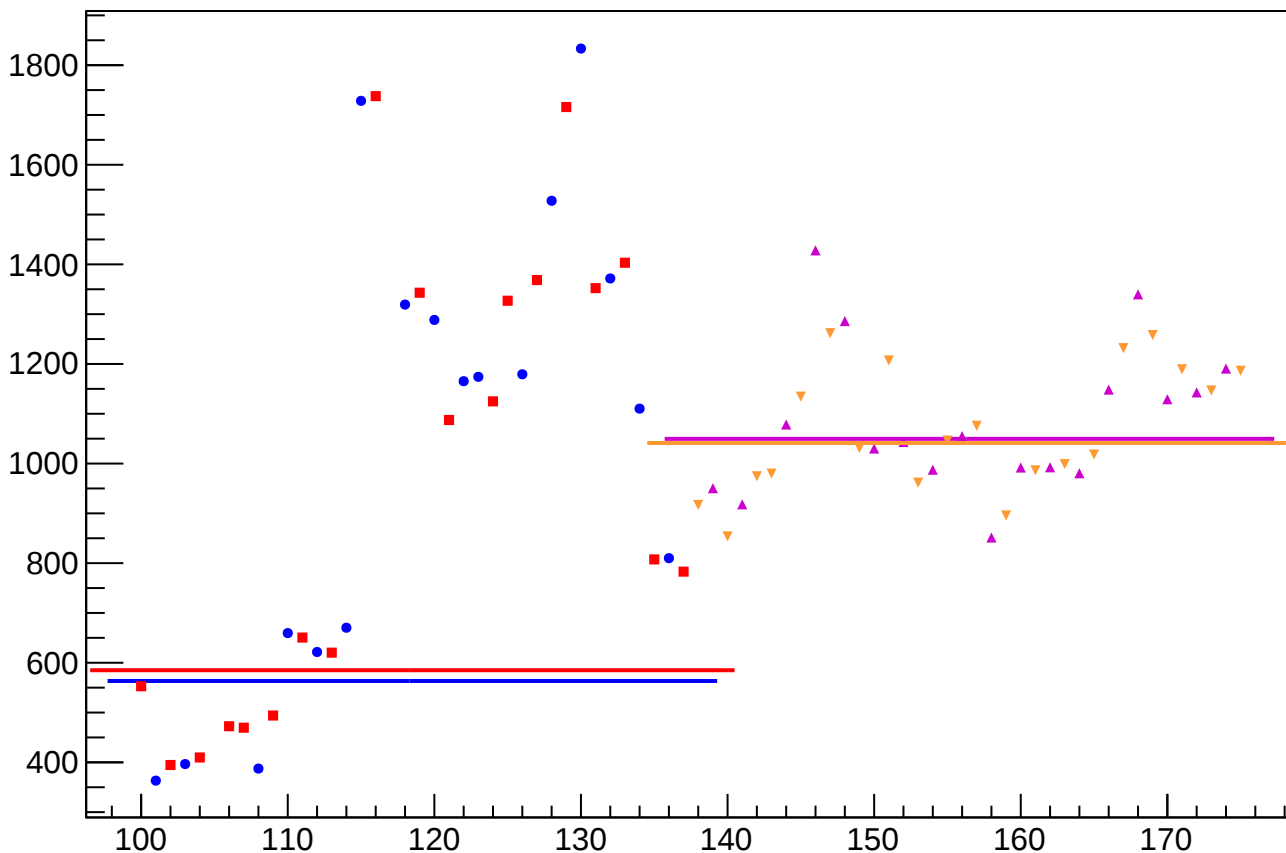
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -39.787 ± 187.007 χ^2/NDF : 50.0/34

Out: -94.351 ± 181.640 χ^2/NDF : 51.5/38

All: -67.863 ± 130.295 χ^2/NDF : 101.6/73

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1041.307 $\pm$ 0.190 χ^2 /NDF: 411042.1/19

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1049.620 $\pm$ 0.199 χ^2 /NDF: 460185.5/17

Left: 1045.283 $\pm$ 0.138 χ^2 /NDF: 872138.6/37

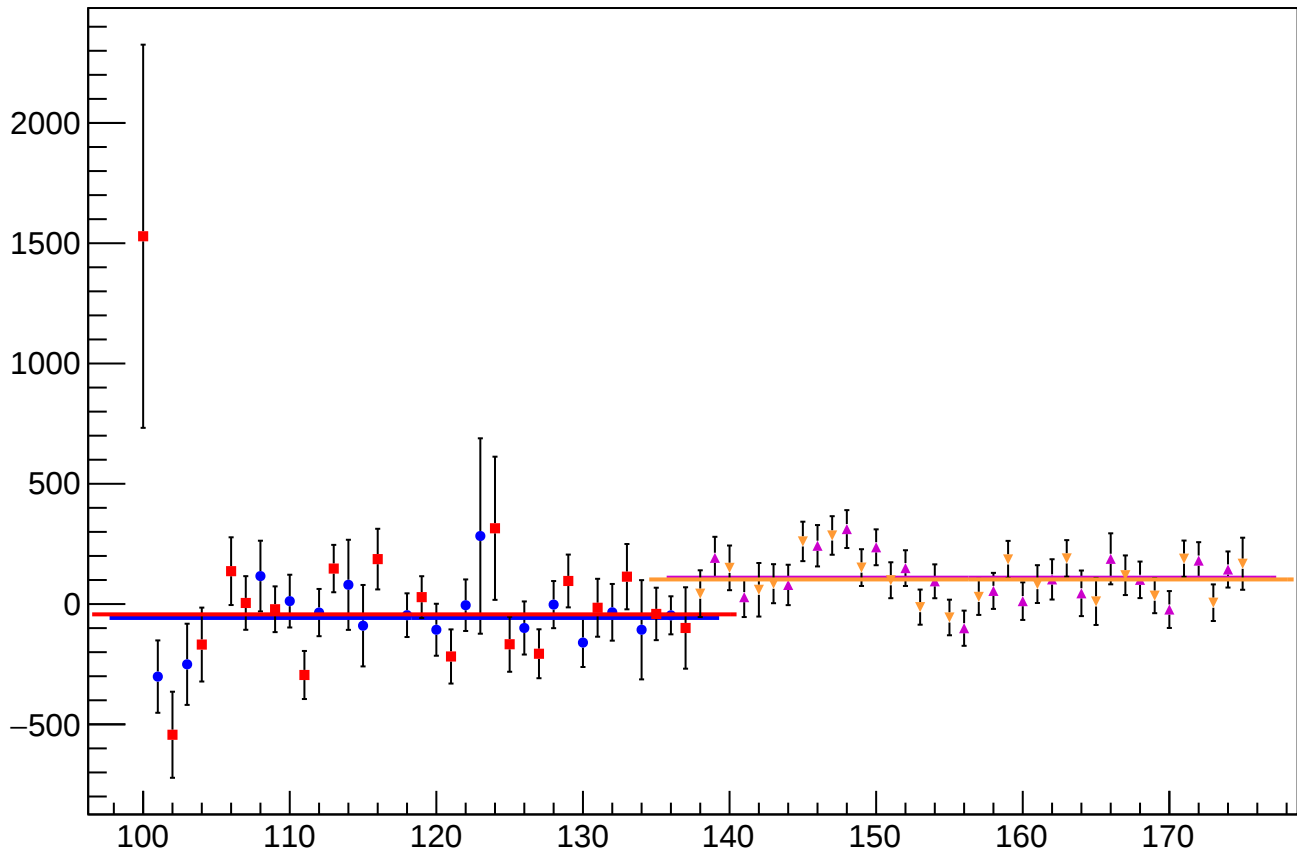
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 778.211 $\pm$ 0.132 χ^2 /NDF: 7053569.3/34

Out: 792.441 $\pm$ 0.128 χ^2 /NDF: 6359347.8/38

All: 785.533 $\pm$ 0.092 χ^2 /NDF: 13418875.6/73

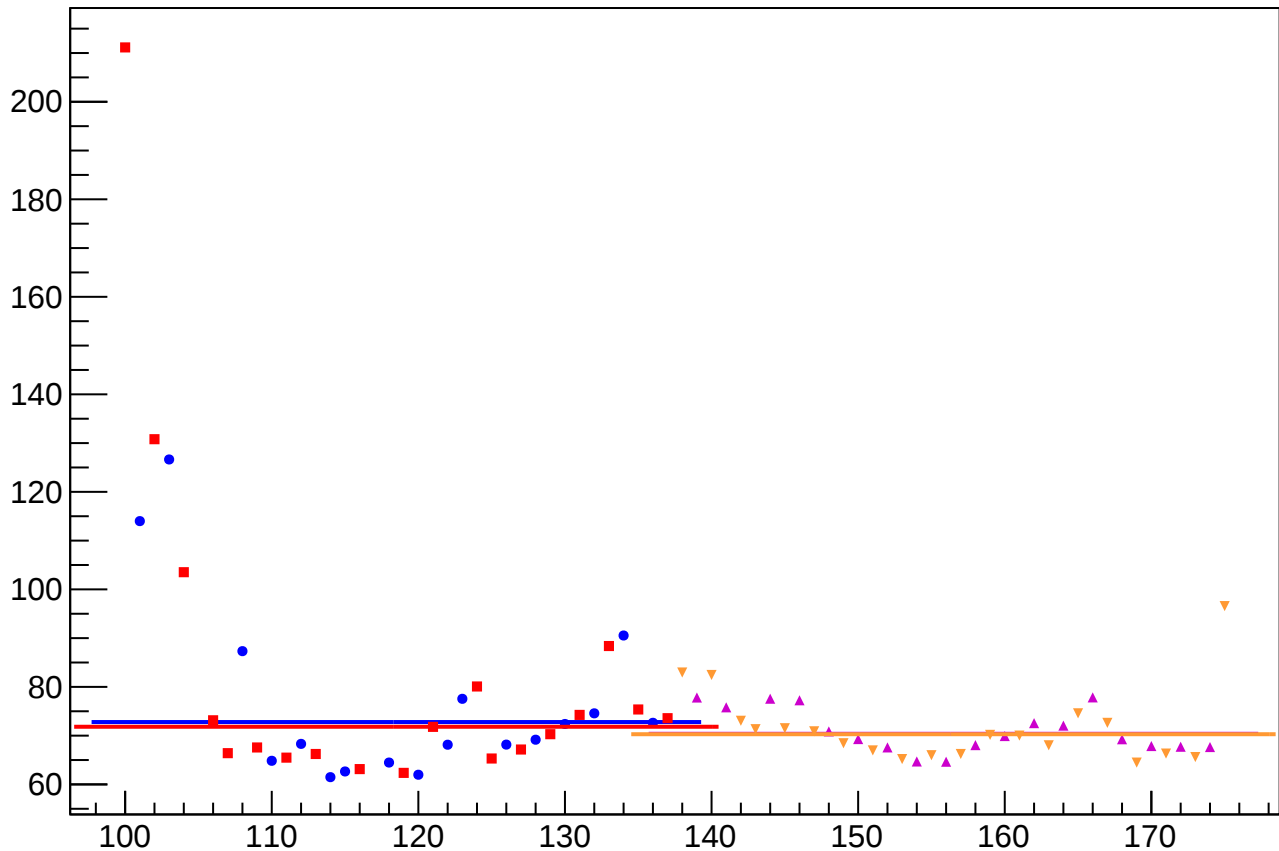
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 102.343 ± 18.152 $\chi^2/\text{NDF}: 25.8/19$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 109.657 ± 18.760 $\chi^2/\text{NDF}: 29.6/17$

Left: 105.879 ± 13.045 $\chi^2/\text{NDF}: 55.4/37$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 59.538 ± 15.702 $\chi^2/\text{NDF}: 62.6/34$
 Out: 58.732 ± 15.181 $\chi^2/\text{NDF}: 84.1/38$
 All: 59.121 ± 10.914 $\chi^2/\text{NDF}: 146.6/73$

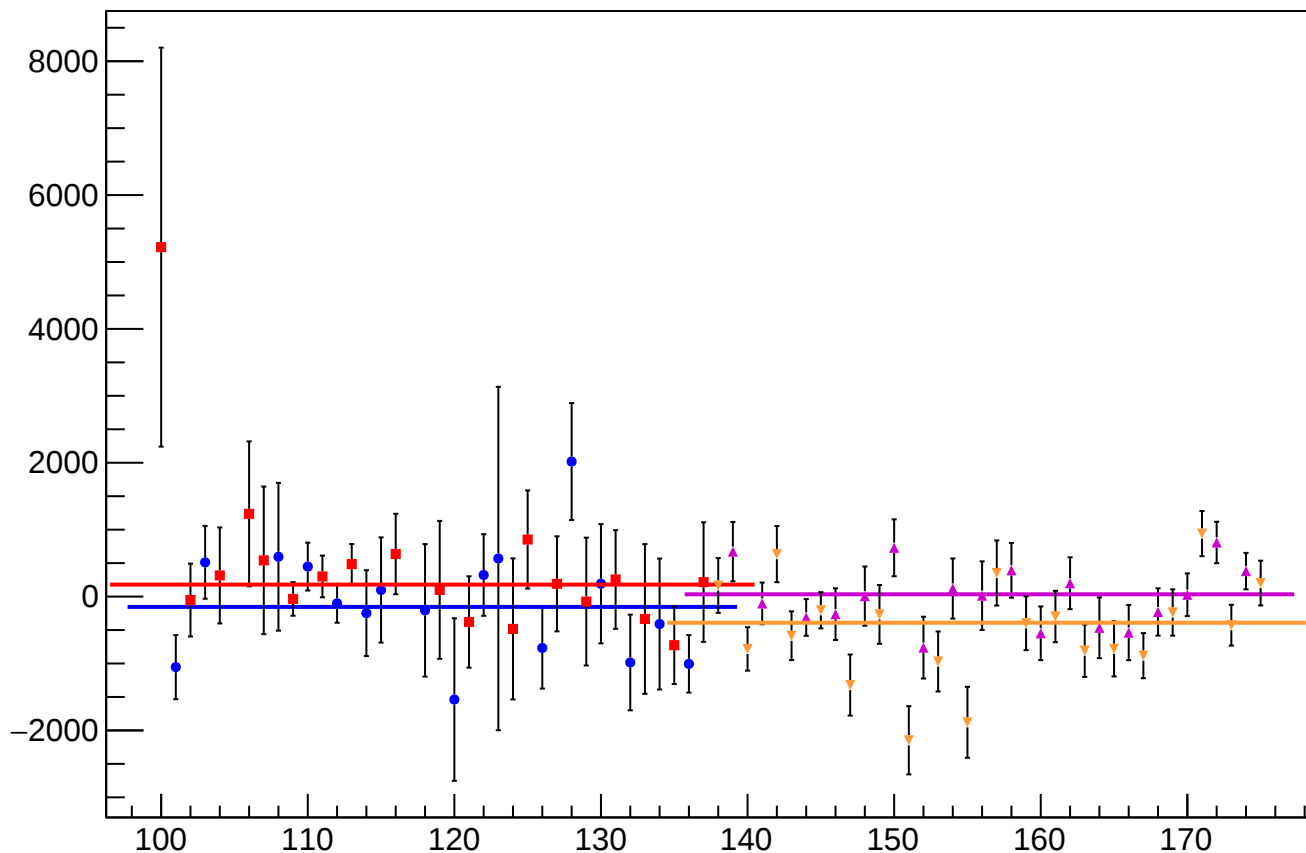
dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$
 Left Out: 70.293 ± 0.013 $\chi^2/\text{NDF}: 248792.9/19$
 Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$
 Left In: 70.382 ± 0.013 $\chi^2/\text{NDF}: 100722.7/17$

Left: 70.336 ± 0.009 $\chi^2/\text{NDF}: 349538.6/37$
 Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$
 In: 71.103 ± 0.011 $\chi^2/\text{NDF}: 575363.5/34$
 Out: 70.753 ± 0.011 $\chi^2/\text{NDF}: 718720.3/38$
 All: 70.922 ± 0.008 $\chi^2/\text{NDF}: 1294596.5/73$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -390.650 ± 84.531 χ^2/NDF : 61.2/19

Right Out: 179.068 ± 126.107 χ^2/NDF : 11.3/18

Left In: 34.114 ± 87.410 χ^2/NDF : 24.8/17

Left: -185.378 ± 60.765 χ^2/NDF : 98.2/37

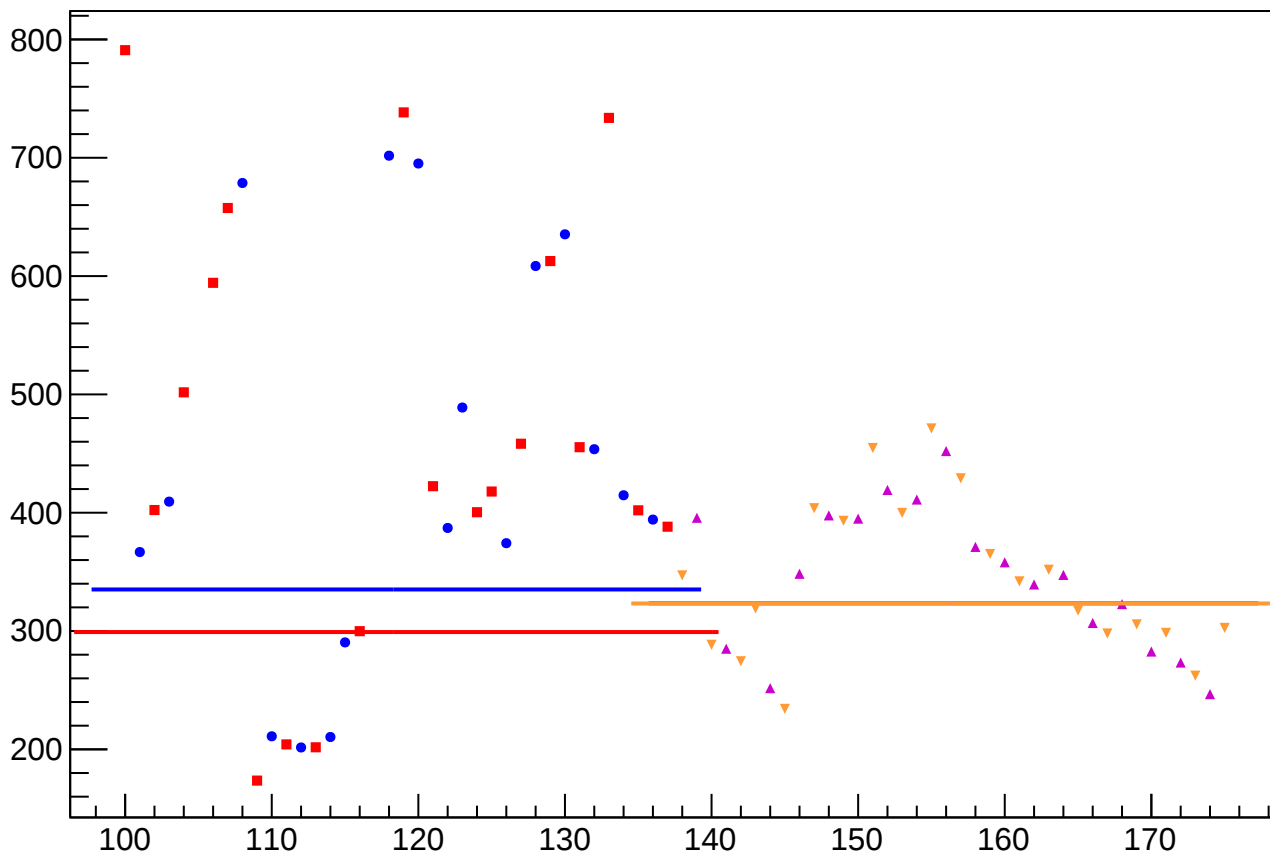
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: -18.383 ± 74.248 χ^2/NDF : 49.3/34

Out: -214.027 ± 70.216 χ^2/NDF : 86.6/38

All: -121.662 ± 51.016 χ^2/NDF : 139.5/73

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 323.291+/-0.060 χ^2/NDF : 981131.2/19

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 323.407+/-0.062 χ^2/NDF : 928897.2/17

Left: 323.347+/-0.043 χ^2/NDF : 1910030.2/37

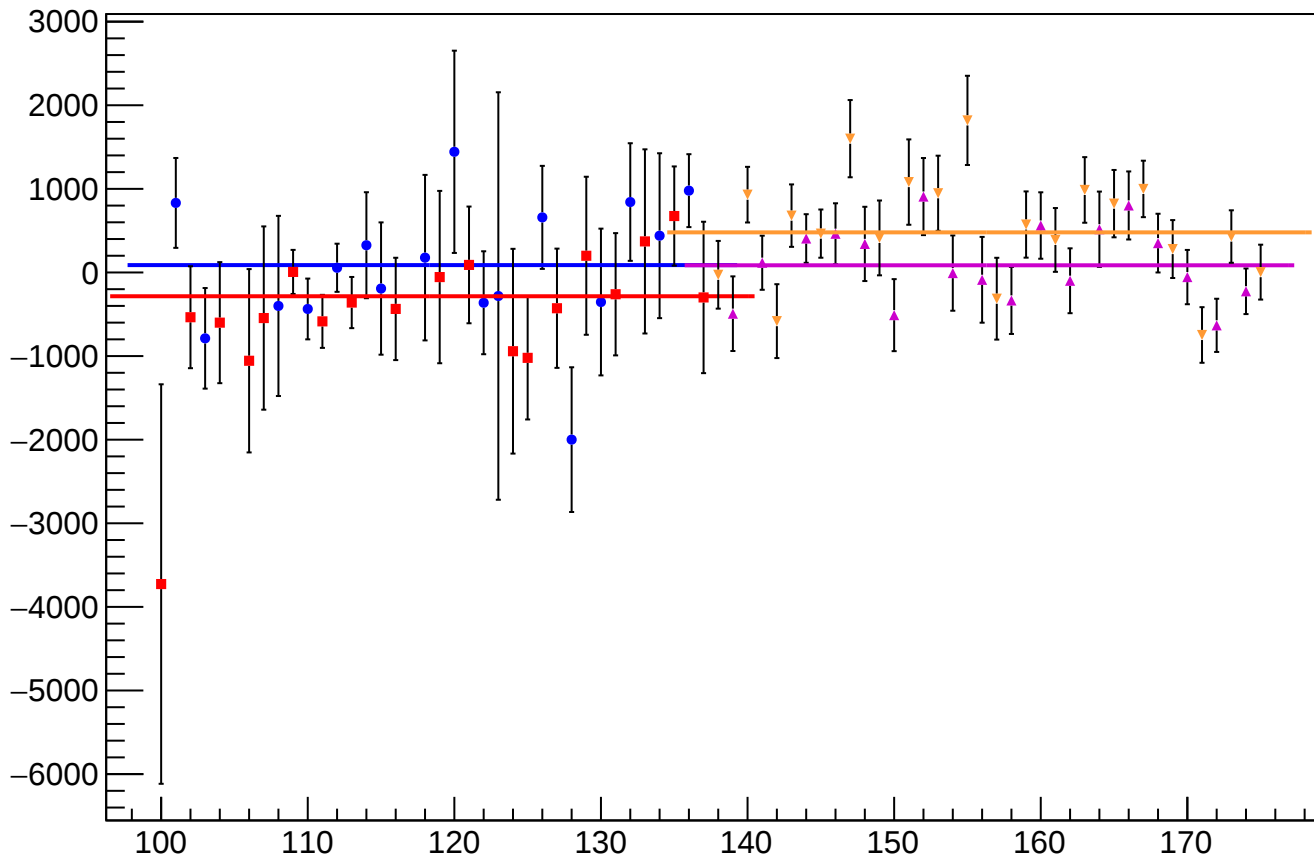
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 326.673+/-0.053 χ^2/NDF : 2932967.2/34

Out: 315.802+/-0.050 χ^2/NDF : 3862853.4/38

All: 320.934+/-0.036 χ^2/NDF : 6818452.1/73

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 479.628 ± 85.409 $\chi^2/\text{NDF}: 47.7/19$

Right Out: -284.510 ± 129.675 $\chi^2/\text{NDF}: 10.1/18$

Left In: 85.850 ± 88.075 $\chi^2/\text{NDF}: 23.5/17$

Left: 288.789 ± 61.314 $\chi^2/\text{NDF}: 81.5/37$

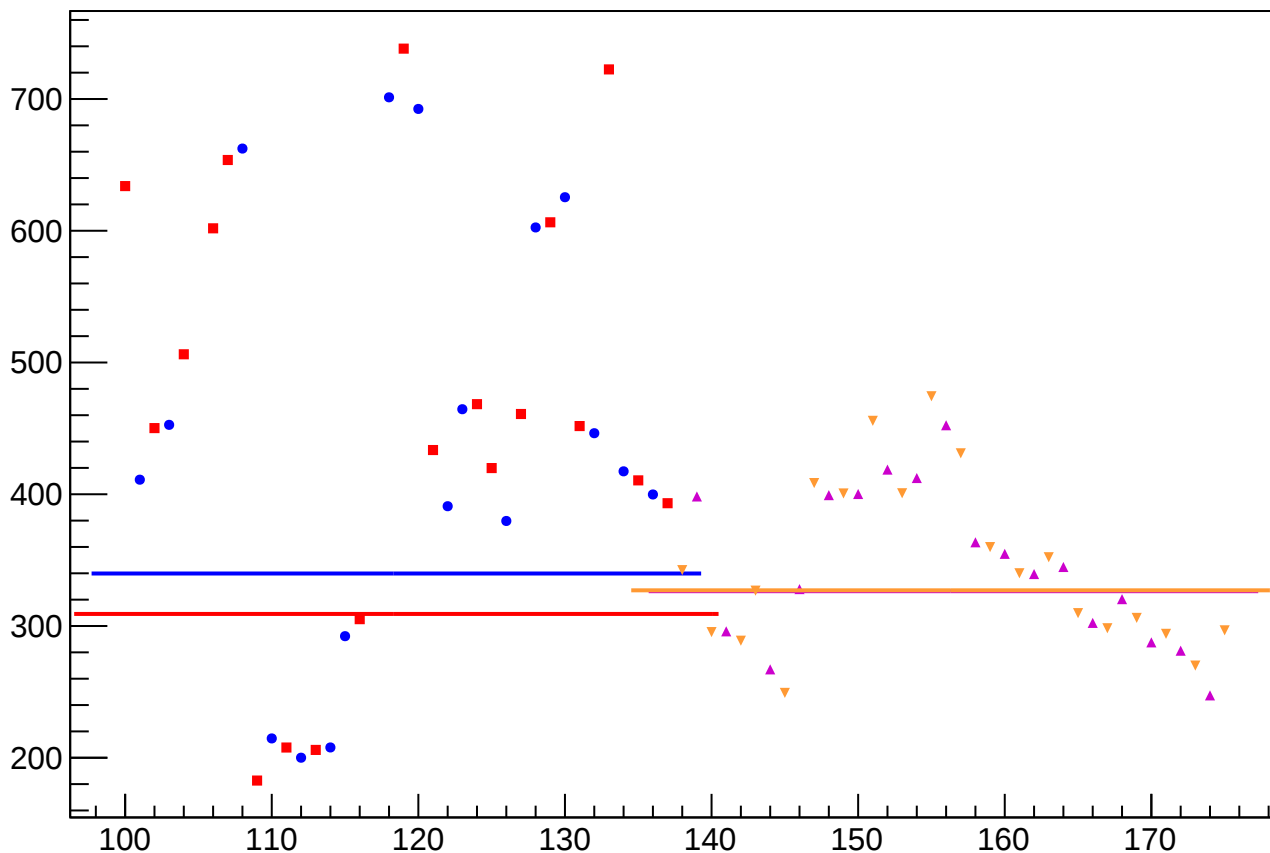
Right: -116.387 ± 96.066 $\chi^2/\text{NDF}: 34.7/35$

In: 86.473 ± 74.995 $\chi^2/\text{NDF}: 44.3/34$

Out: 248.434 ± 71.328 $\chi^2/\text{NDF}: 82.1/38$

All: 171.510 ± 51.684 $\chi^2/\text{NDF}: 128.8/73$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 327.079 $\pm$ 0.060 χ^2 /NDF: 874282.1/19

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 326.421 $\pm$ 0.062 χ^2 /NDF: 816575.8/17

Left: 326.760 $\pm$ 0.043 χ^2 /NDF: 1690915.4/37

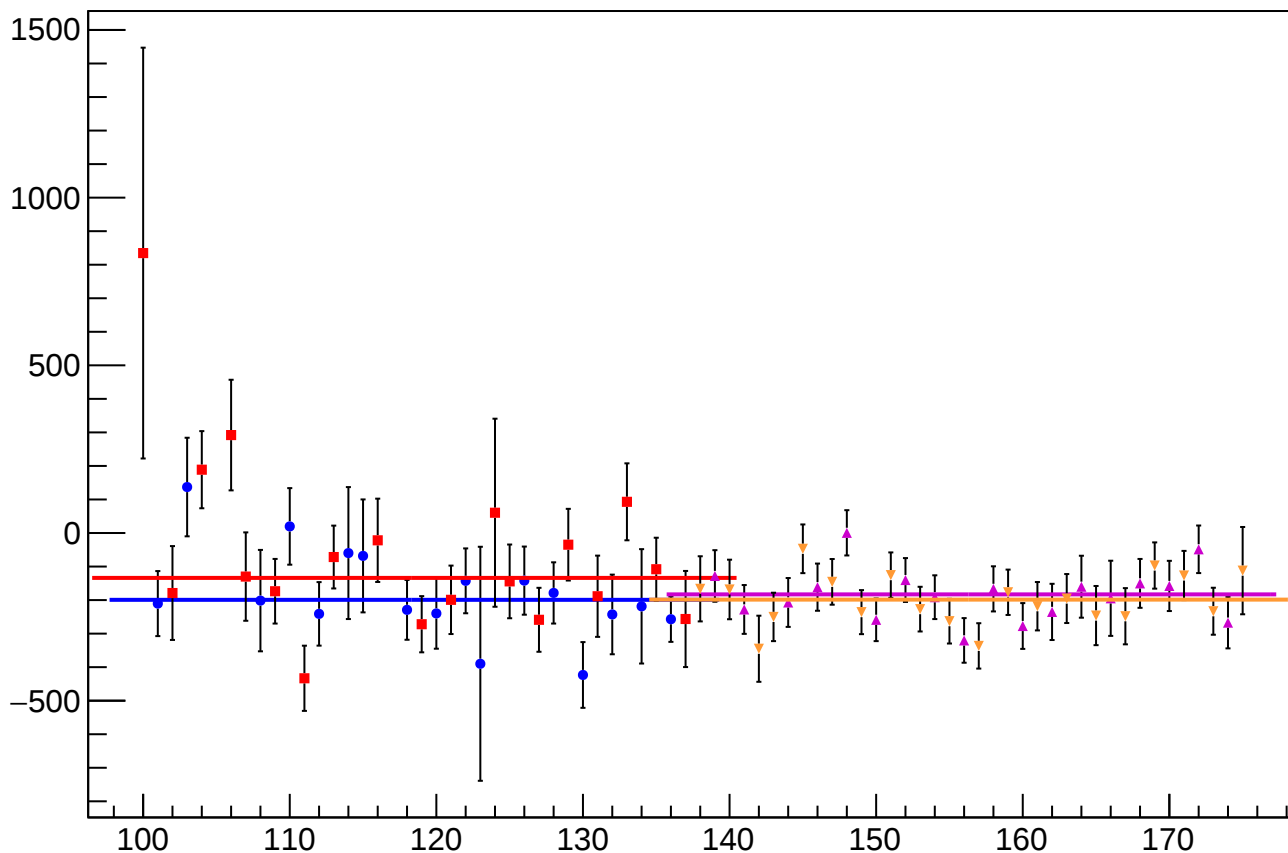
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 330.114 $\pm$ 0.053 χ^2 /NDF: 2872882.0/34

Out: 321.657 $\pm$ 0.050 χ^2 /NDF: 3636809.6/38

All: 325.674 $\pm$ 0.037 χ^2 /NDF: 6523044.0/73

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -198.626 ± 16.712 $\chi^2/\text{NDF}: 19.3/19$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -182.991 ± 17.099 $\chi^2/\text{NDF}: 22.2/17$

Left: -190.987 ± 11.952 $\chi^2/\text{NDF}: 41.9/37$

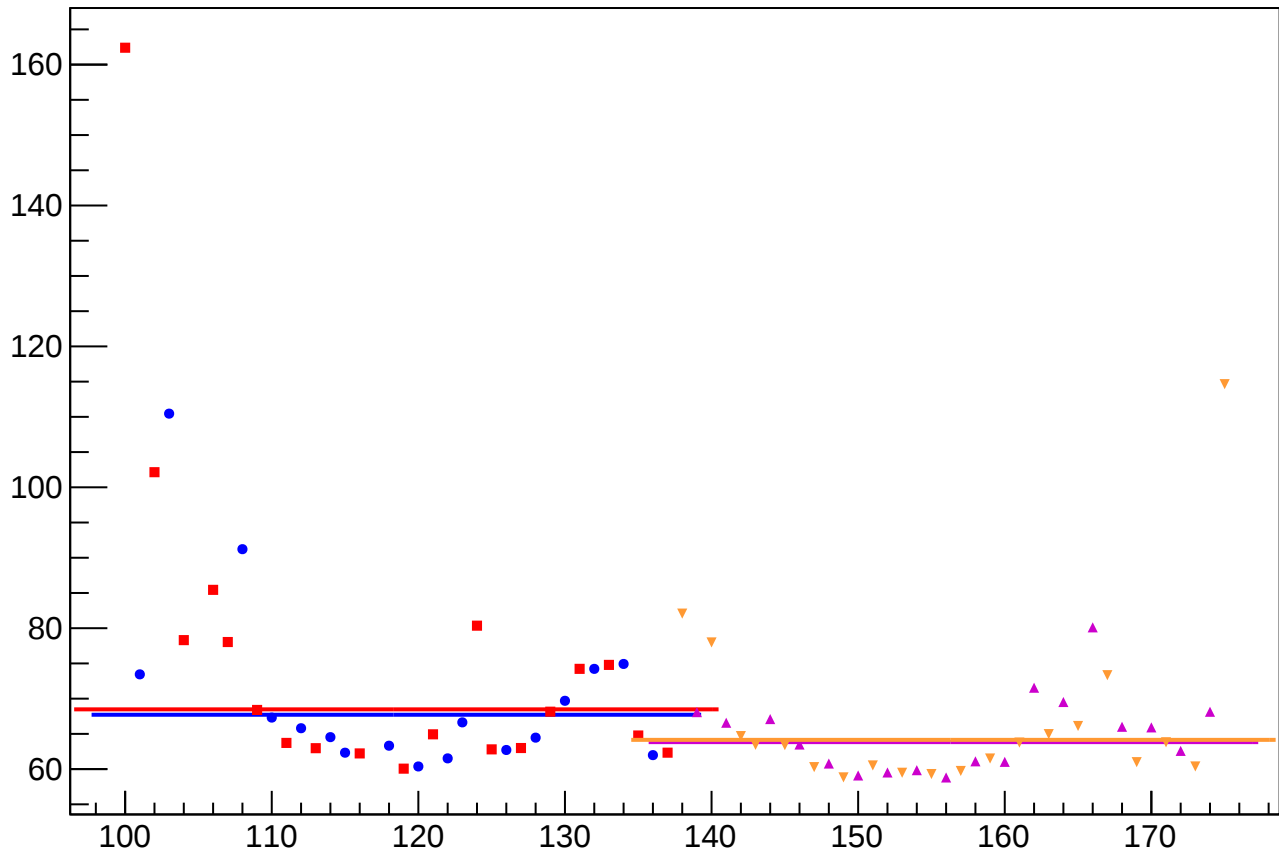
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -187.767 ± 14.370 $\chi^2/\text{NDF}: 40.0/34$

Out: -179.920 ± 14.094 $\chi^2/\text{NDF}: 62.8/38$

All: -183.767 ± 10.062 $\chi^2/\text{NDF}: 103.0/73$

dit_asym_sam8_rms vs Slug, Sign Corrected

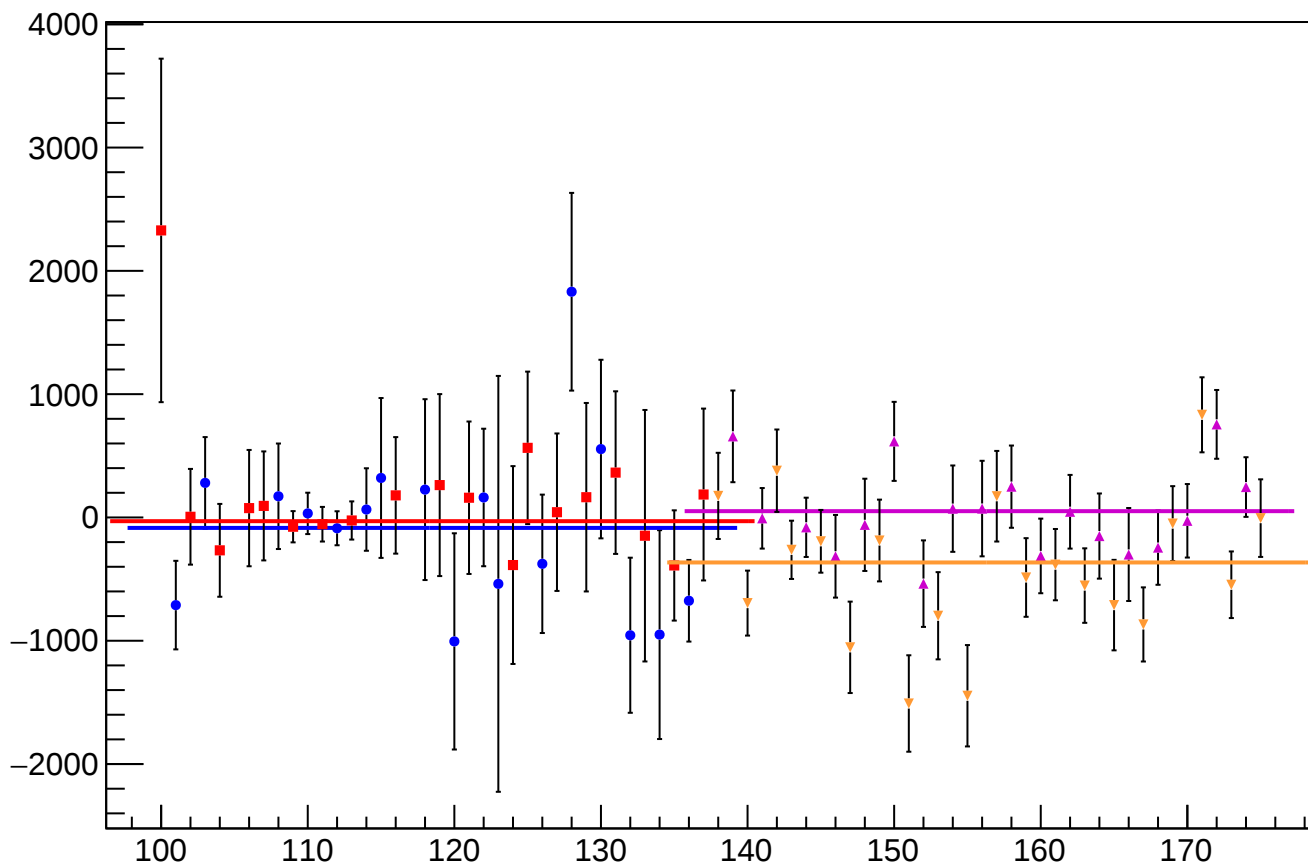


Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$
 Left Out: 64.151 ± 0.012 $\chi^2/\text{NDF}: 510757.8/19$
 Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$
 Left In: 63.830 ± 0.012 $\chi^2/\text{NDF}: 139509.7/17$

Left: 63.994 ± 0.008 $\chi^2/\text{NDF}: 650627.3/37$
 Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$
 In: 64.971 ± 0.010 $\chi^2/\text{NDF}: 452728.9/34$
 Out: 65.401 ± 0.010 $\chi^2/\text{NDF}: 830950.9/38$

All: 65.191 ± 0.007 $\chi^2/\text{NDF}: 1284591.8/73$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -365.058 $\pm$ 69.701 χ^2/NDF : 54.9/19

Right Out: -30.219 $\pm$ 69.663 χ^2/NDF : 6.3/18

Left In: 51.044 $\pm$ 72.826 χ^2/NDF : 21.3/17

Left: -166.126 $\pm$ 50.355 χ^2/NDF : 93.3/37

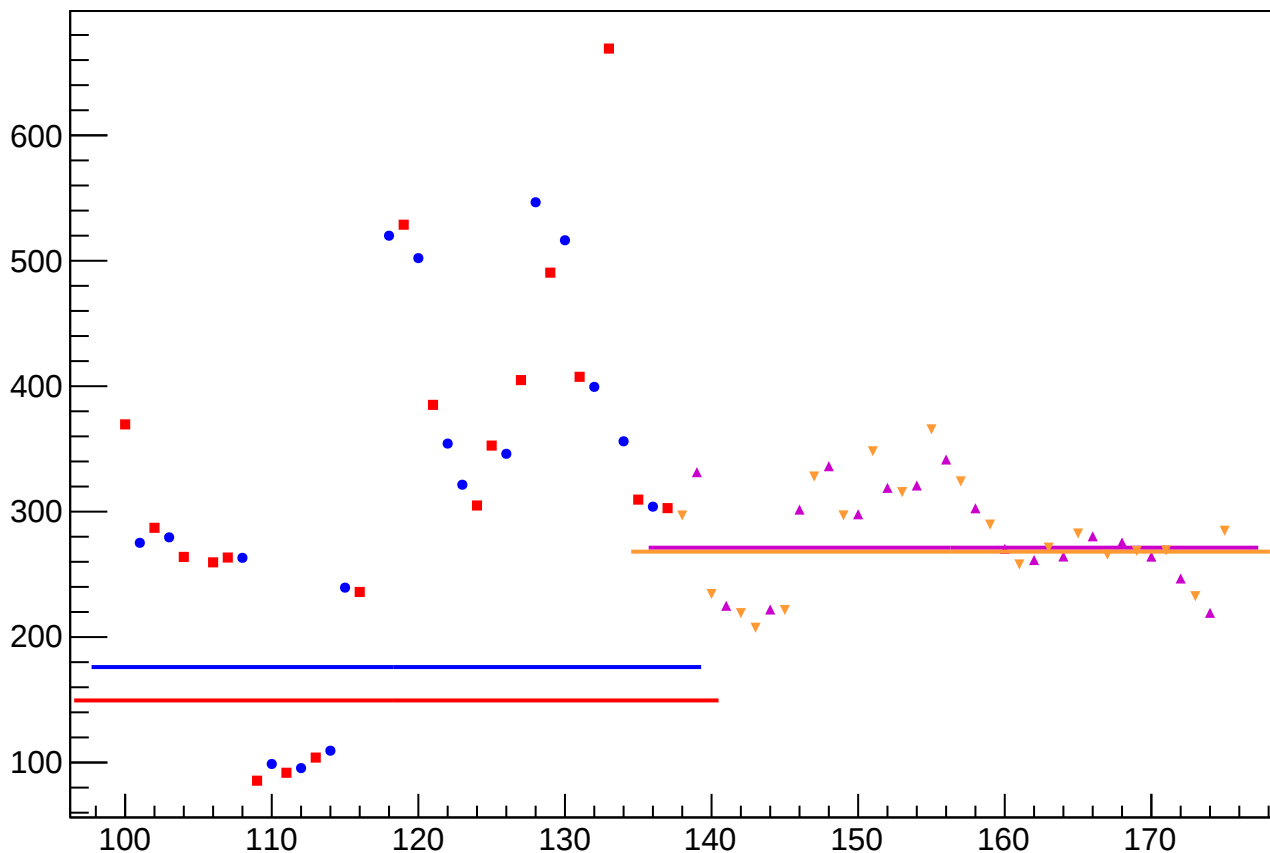
Right: -52.867 $\pm$ 53.271 χ^2/NDF : 26.5/35

In: -8.296 $\pm$ 54.646 χ^2/NDF : 42.7/34

Out: -197.547 $\pm$ 49.272 χ^2/NDF : 72.8/38

All: -112.681 $\pm$ 36.593 χ^2/NDF : 122.1/73

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 268.108 $\pm$ 0.049 χ^2/NDF : 689818.6/19

Right Out: 149.484 $\pm$ 0.049 χ^2/NDF : 4820971.0/18

Left In: 271.267 $\pm$ 0.051 χ^2/NDF : 571992.9/17

Left: 269.619 $\pm$ 0.036 χ^2/NDF : 1263775.3/37

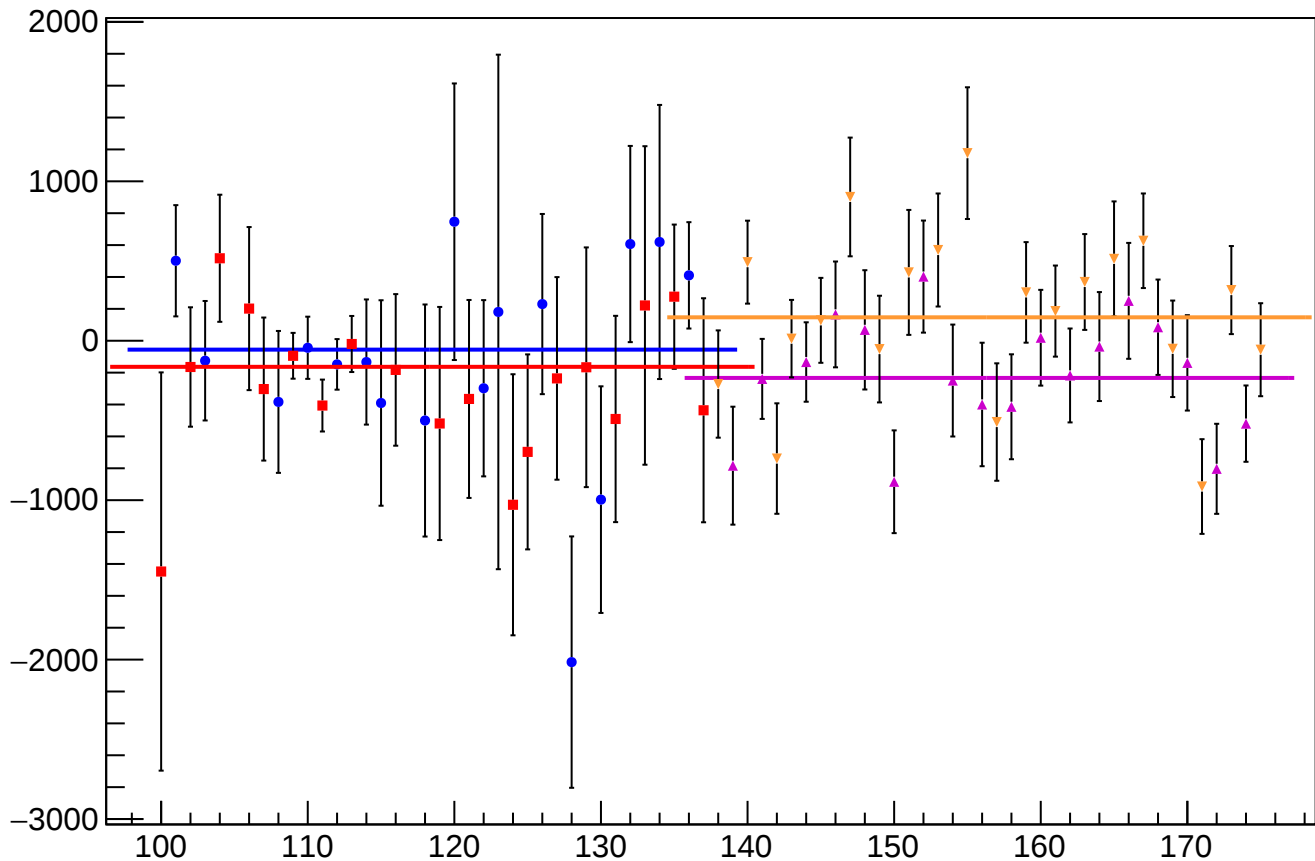
Right: 160.534 $\pm$ 0.038 χ^2/NDF : 9165825.3/35

In: 229.681 $\pm$ 0.039 χ^2/NDF : 6288122.0/34

Out: 208.764 $\pm$ 0.035 χ^2/NDF : 8408882.2/38

All: 218.144 $\pm$ 0.026 χ^2/NDF : 14858644.4/73

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 146.954 ± 69.614 $\chi^2/\text{NDF}: 44.5/19$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -233.218 ± 72.863 $\chi^2/\text{NDF}: 21.9/17$

Left: -34.467 ± 50.334 $\chi^2/\text{NDF}: 80.6/37$

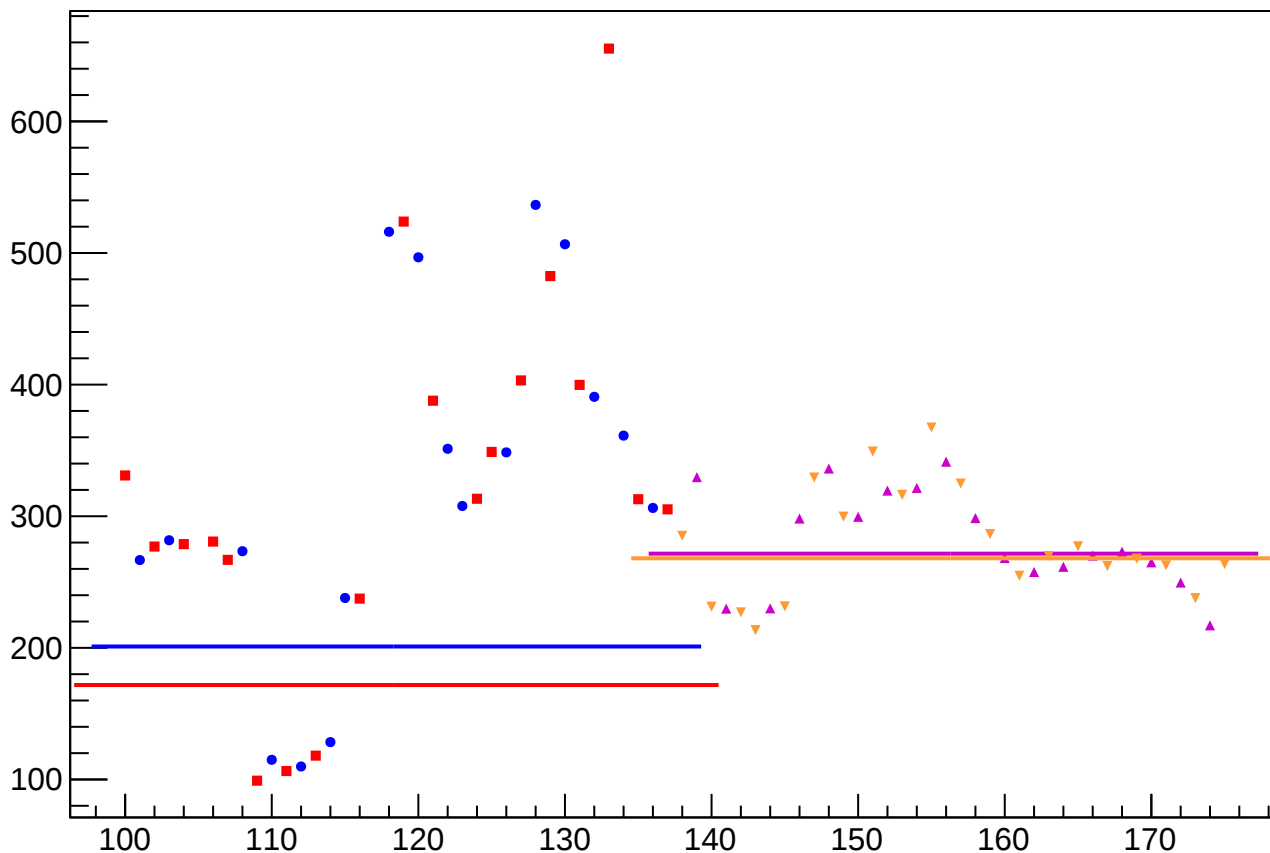
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -163.481 ± 56.772 $\chi^2/\text{NDF}: 41.3/34$

Out: 7.151 ± 51.616 $\chi^2/\text{NDF}: 64.9/38$

All: -70.067 ± 38.191 $\chi^2/\text{NDF}: 111.2/73$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 268.030+/-0.049 χ^2/NDF : 608160.1/19

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 271.570+/-0.052 χ^2/NDF : 527725.2/17

Left: 269.720+/-0.036 χ^2/NDF : 1138352.8/37

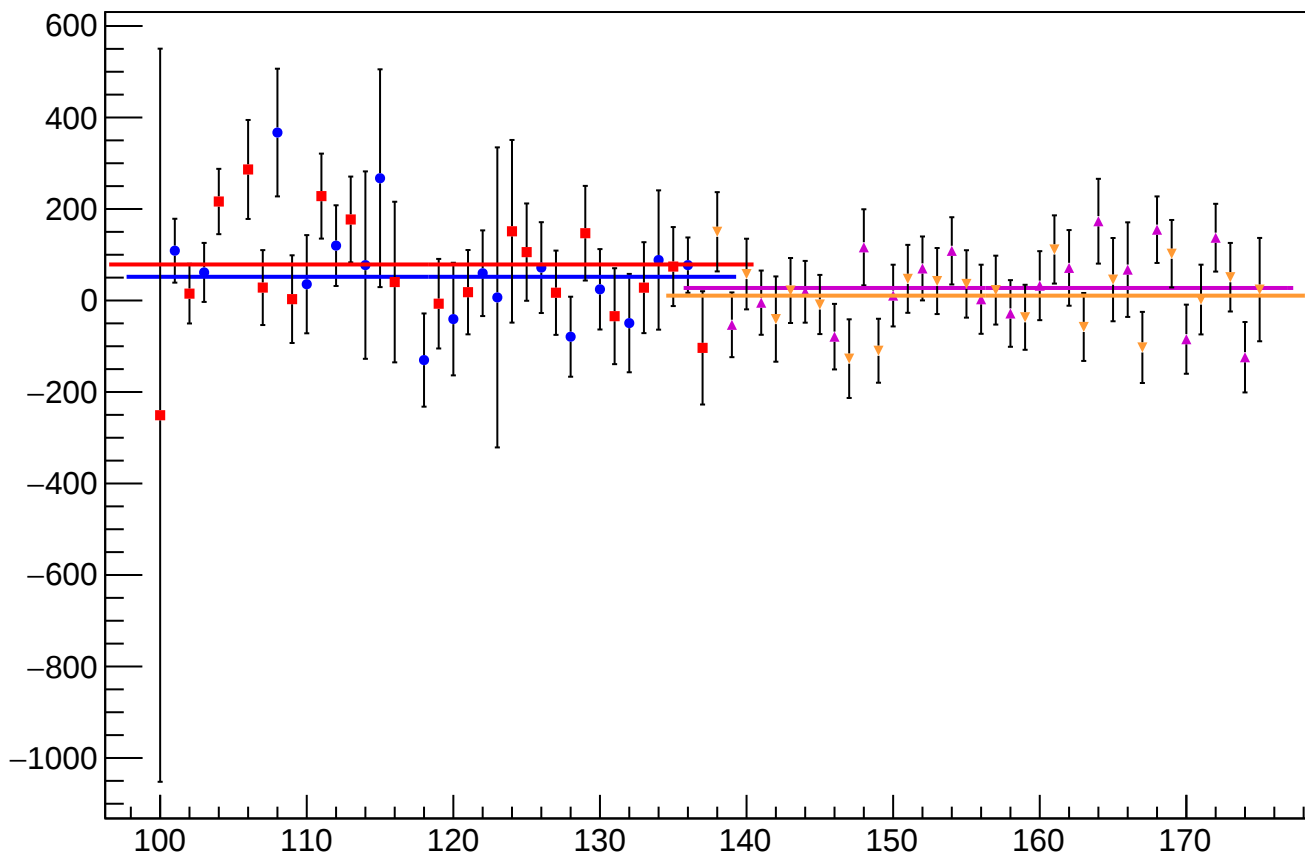
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 243.857+/-0.040 χ^2/NDF : 4697118.2/34

Out: 224.689+/-0.036 χ^2/NDF : 6428282.9/38

All: 233.364+/-0.027 χ^2/NDF : 11250214.9/73

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 10.617 $\pm$ 17.188 χ^2 /NDF:16.8/19

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 27.368 $\pm$ 17.725 χ^2 /NDF:21.5/17

Left: 18.735 $\pm$ 12.339 χ^2 /NDF: 38.7/37

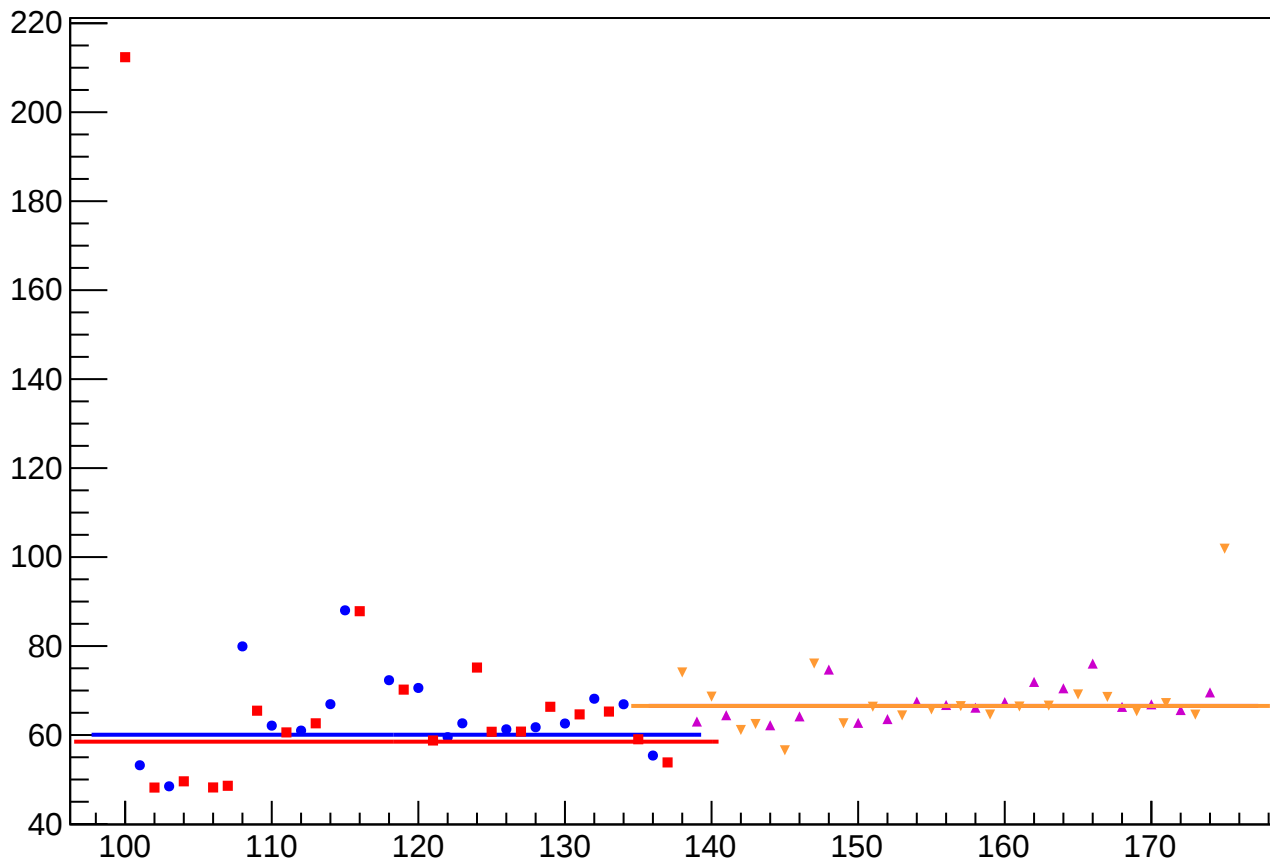
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 36.209 $\pm$ 14.160 χ^2 /NDF:36.7/34

Out: 35.738 $\pm$ 13.657 χ^2 /NDF:41.7/38

All: 35.965 $\pm$ 9.830 χ^2 /NDF: 78.4/73

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 66.540 $\pm$ 0.012 χ^2 /NDF: 312505.9/19

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 66.545 $\pm$ 0.013 χ^2 /NDF: 79677.3/17

Left: 66.542 $\pm$ 0.009 χ^2 /NDF: 392183.3/37

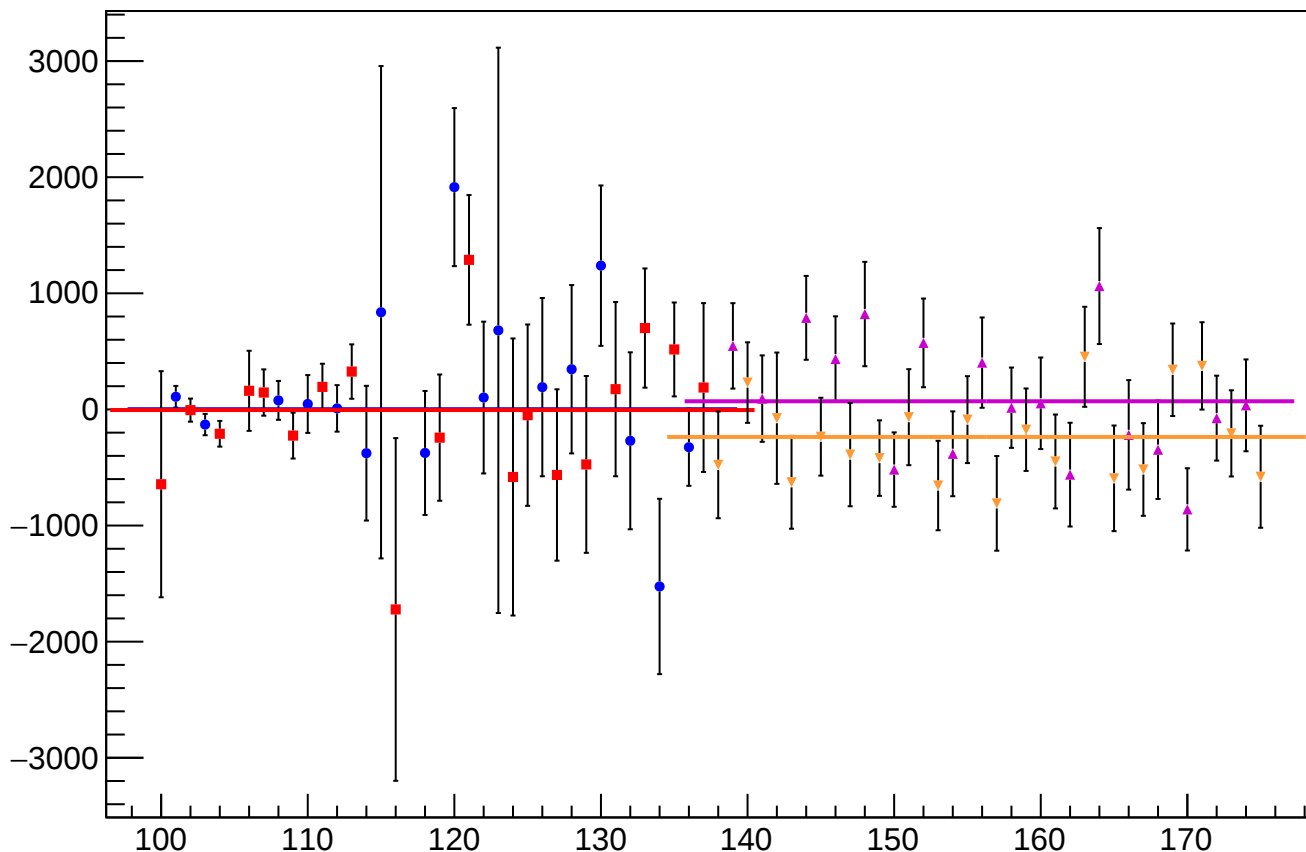
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 64.200 $\pm$ 0.010 χ^2 /NDF: 405493.7/34

Out: 63.578 $\pm$ 0.010 χ^2 /NDF: 822332.6/38

All: 63.878 $\pm$ 0.007 χ^2 /NDF: 1229825.0/73

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -237.061 ± 88.406 $\chi^2/\text{NDF}: 16.4/19$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 70.294 ± 90.890 $\chi^2/\text{NDF}: 31.2/17$

Left: -87.641 ± 63.372 $\chi^2/\text{NDF}: 53.4/37$

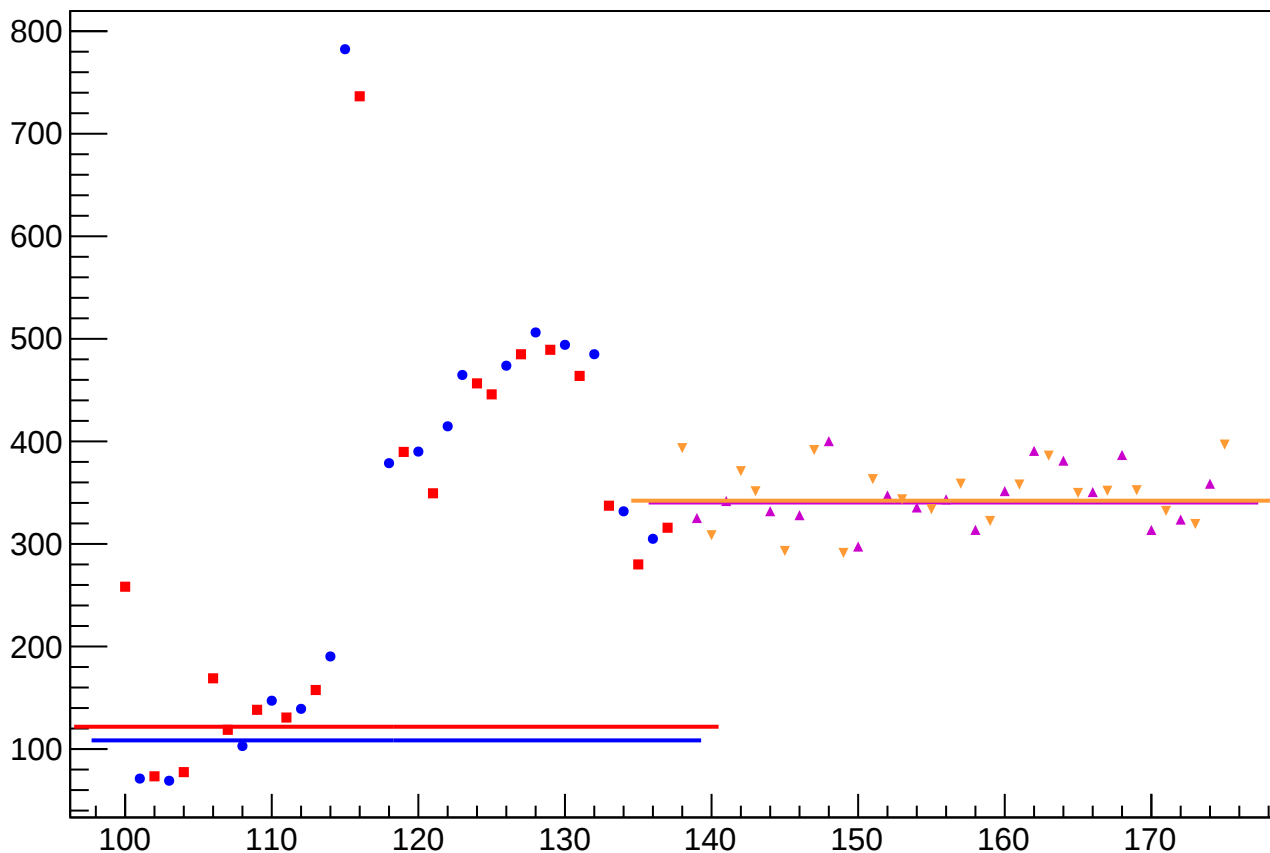
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 19.647 ± 46.605 $\chi^2/\text{NDF}: 53.0/34$

Out: -72.610 ± 47.617 $\chi^2/\text{NDF}: 41.9/38$

All: -25.490 ± 33.307 $\chi^2/\text{NDF}: 96.8/73$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 342.190 $\pm$ 0.063 χ^2 /NDF: 248811.2/19

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 340.404 $\pm$ 0.064 χ^2 /NDF: 176286.2/17

Left: 341.322 $\pm$ 0.045 χ^2 /NDF: 425494.3/37

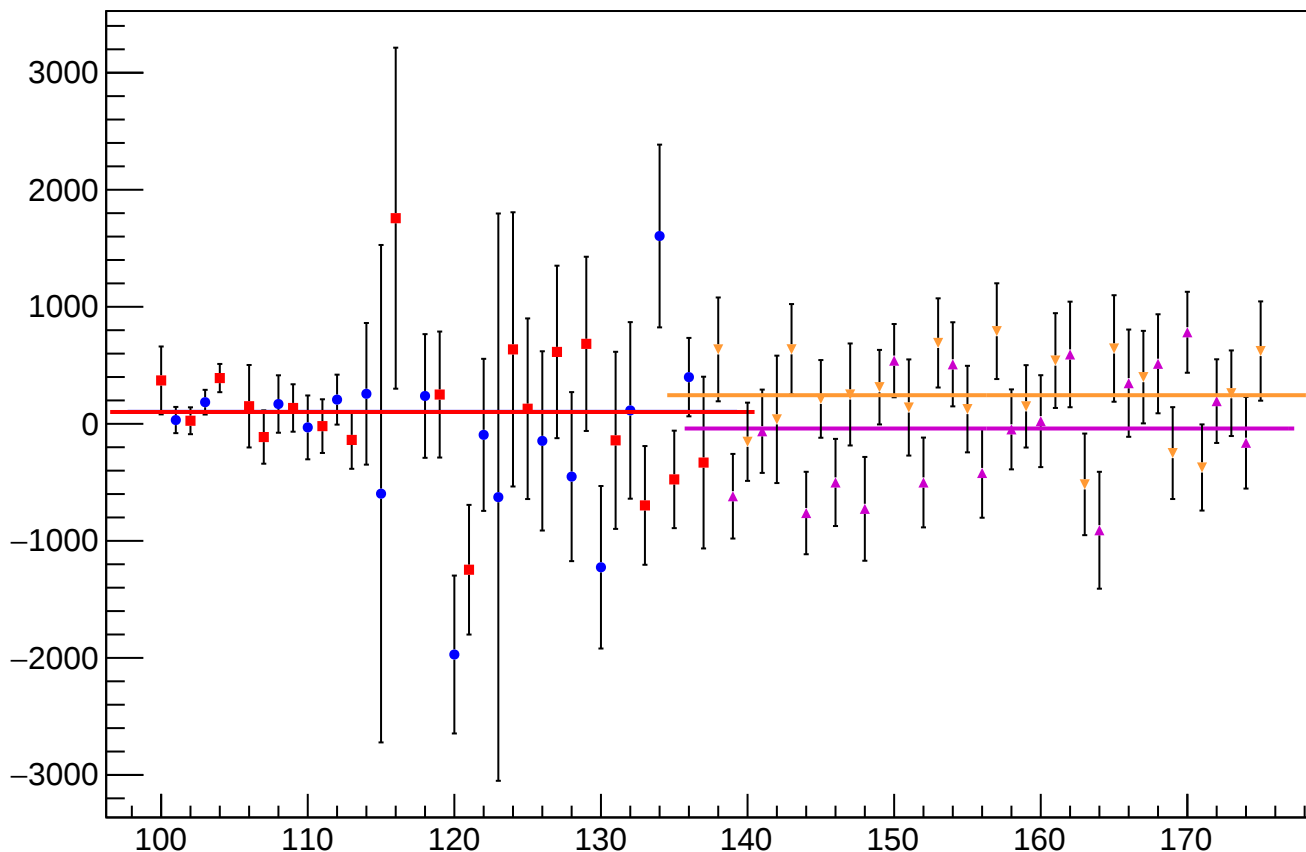
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 169.432 $\pm$ 0.033 χ^2 /NDF: 15181788.4/34

Out: 185.714 $\pm$ 0.034 χ^2 /NDF: 13846172.0/38

All: 177.398 $\pm$ 0.024 χ^2 /NDF: 29147384.2/73

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 244.643 $\pm$ 87.028 χ^2 /NDF:16.6/19

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -39.974 $\pm$ 89.612 χ^2 /NDF:32.5/17

Left: 106.497 $\pm$ 62.432 χ^2 /NDF: 54.3/37

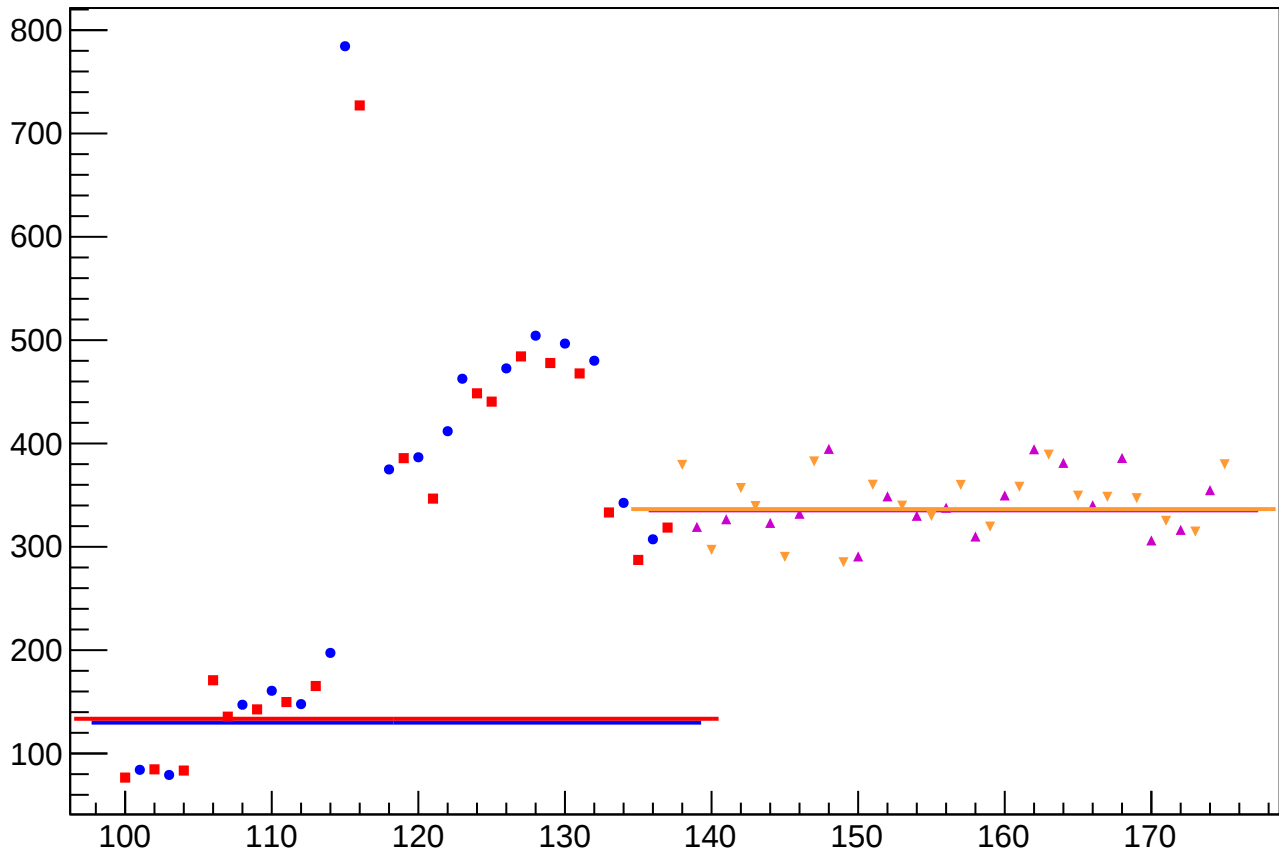
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 55.060 $\pm$ 51.608 χ^2 /NDF:54.5/34

Out: 148.328 $\pm$ 49.867 χ^2 /NDF:41.0/38

All: 103.294 $\pm$ 35.861 χ^2 /NDF: 97.2/73

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 336.487 $\pm$ 0.062 χ^2 /NDF: 251311.9/19

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 335.293 $\pm$ 0.063 χ^2 /NDF: 205885.6/17

Left: 335.908 $\pm$ 0.044 χ^2 /NDF: 457380.2/37

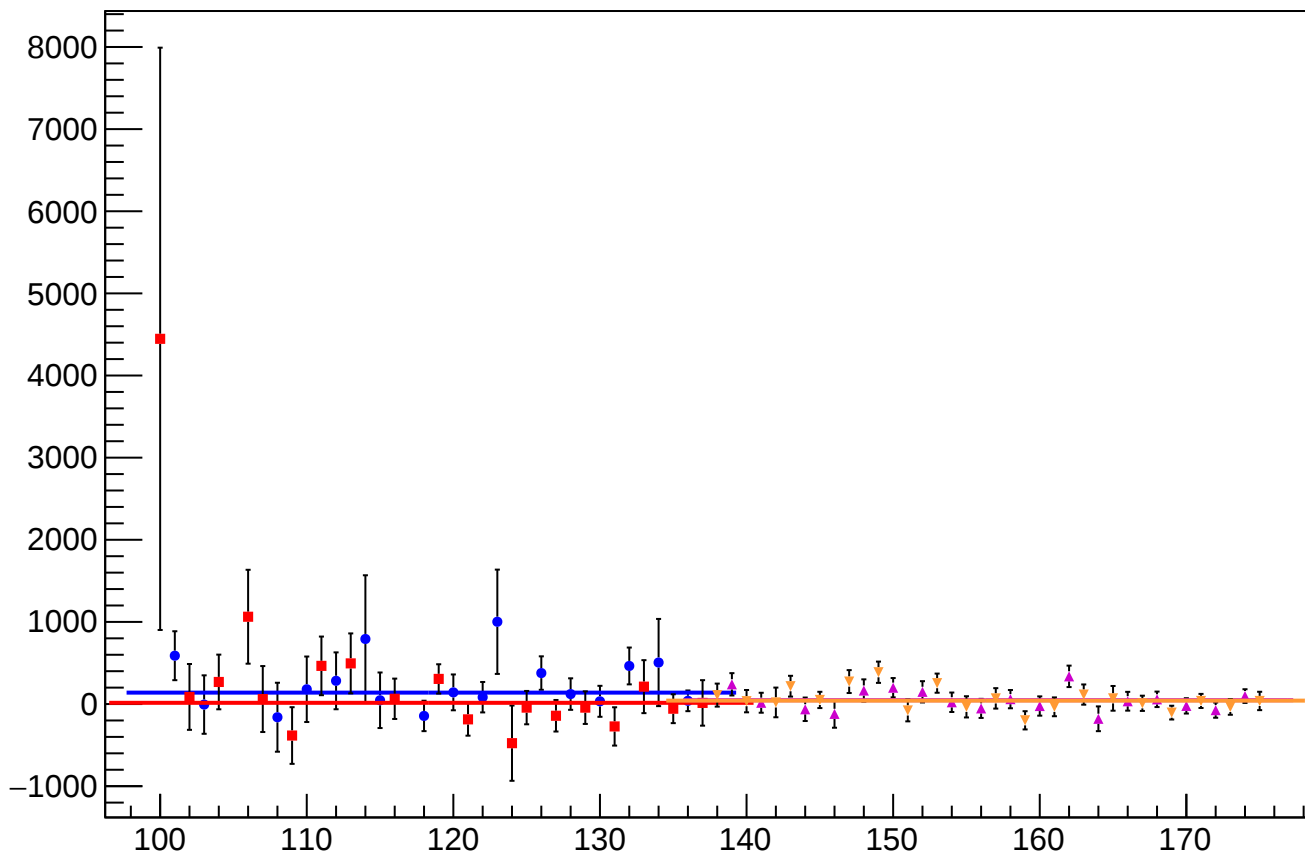
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 198.011 $\pm$ 0.036 χ^2 /NDF: 12058576.2/34

Out: 200.216 $\pm$ 0.035 χ^2 /NDF: 11915351.1/38

All: 199.151 $\pm$ 0.025 χ^2 /NDF: 23975815.0/73

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 41.622 $\pm$ 25.671 χ^2 /NDF:25.9/19

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 46.686 $\pm$ 27.131 χ^2 /NDF:17.7/17

Left: 44.014 $\pm$ 18.647 χ^2 /NDF: 43.6/37

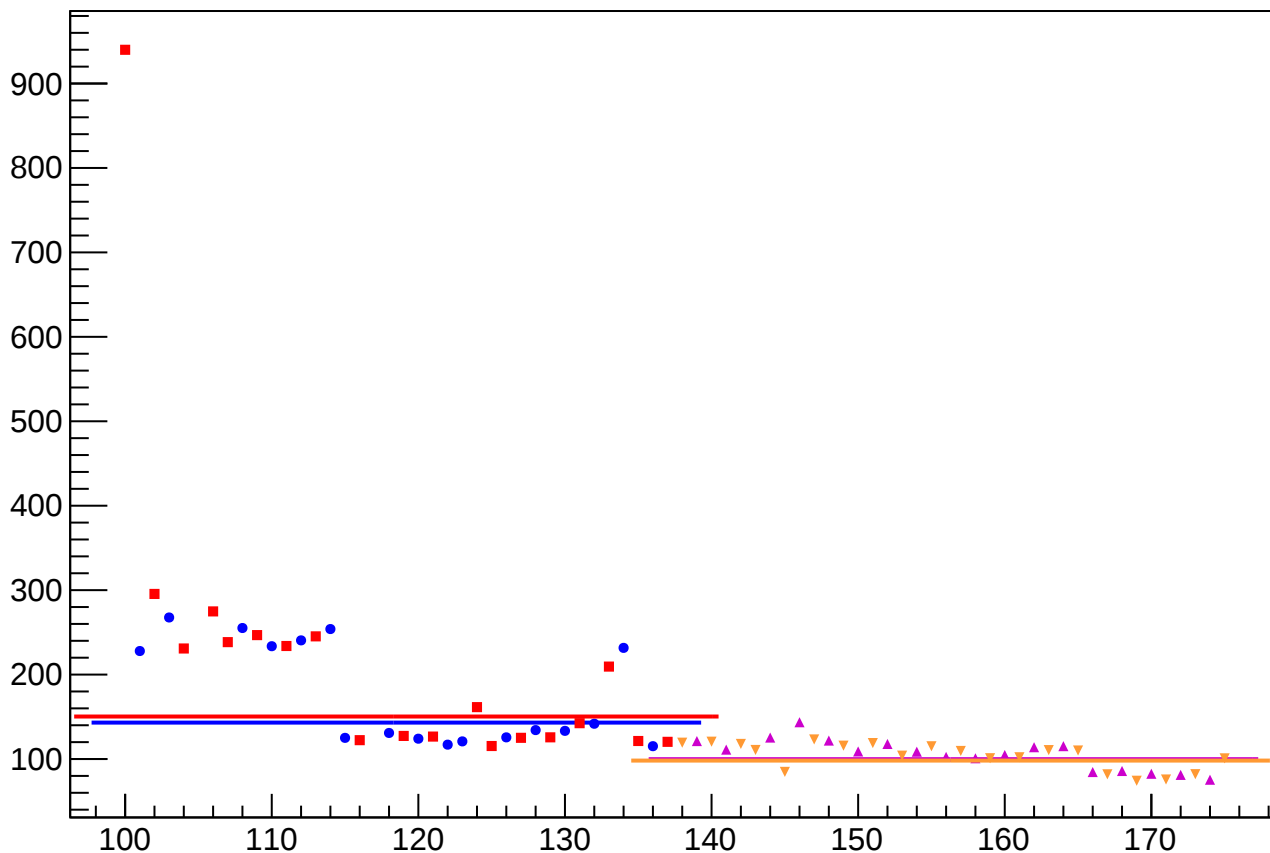
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 63.284 $\pm$ 24.574 χ^2 /NDF:32.9/34

Out: 37.503 $\pm$ 23.609 χ^2 /NDF:44.0/38

All: 49.877 $\pm$ 17.025 χ^2 /NDF: 77.5/73

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 98.157 $\pm$ 0.018 χ^2 /NDF: 840872.6/19

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 99.850 $\pm$ 0.019 χ^2 /NDF: 828874.0/17

Left: 98.957 $\pm$ 0.013 χ^2 /NDF: 1673853.0/37

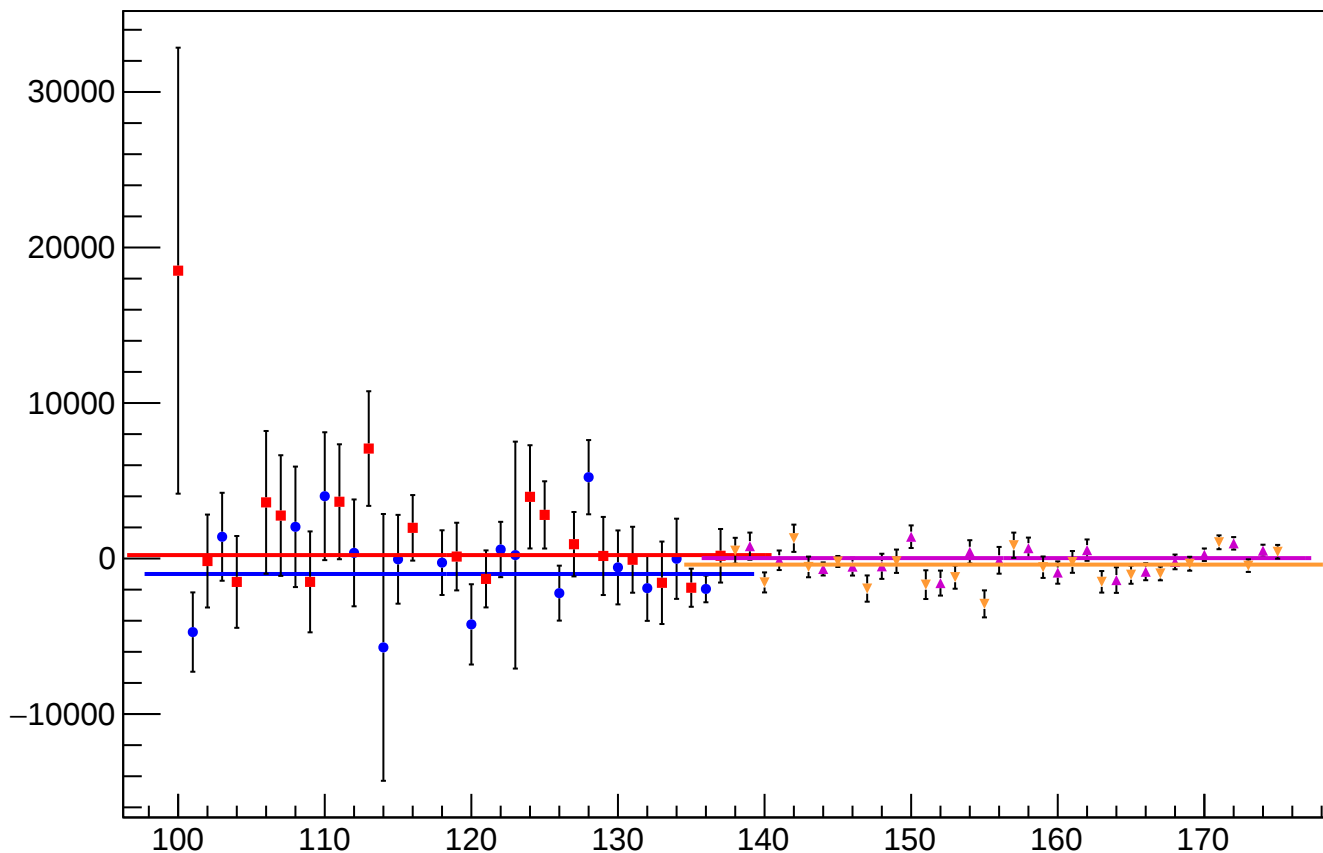
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 107.625 $\pm$ 0.017 χ^2 /NDF: 2844751.8/34

Out: 106.204 $\pm$ 0.017 χ^2 /NDF: 3547183.6/38

All: 106.886 $\pm$ 0.012 χ^2 /NDF: 6395414.6/73

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -390.479+/-129.230 χ^2/NDF : 45.2/19

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: 27.164+/-134.392 χ^2/NDF : 29.1/17

Left: -189.831+/-93.151 χ^2/NDF : 79.4/37

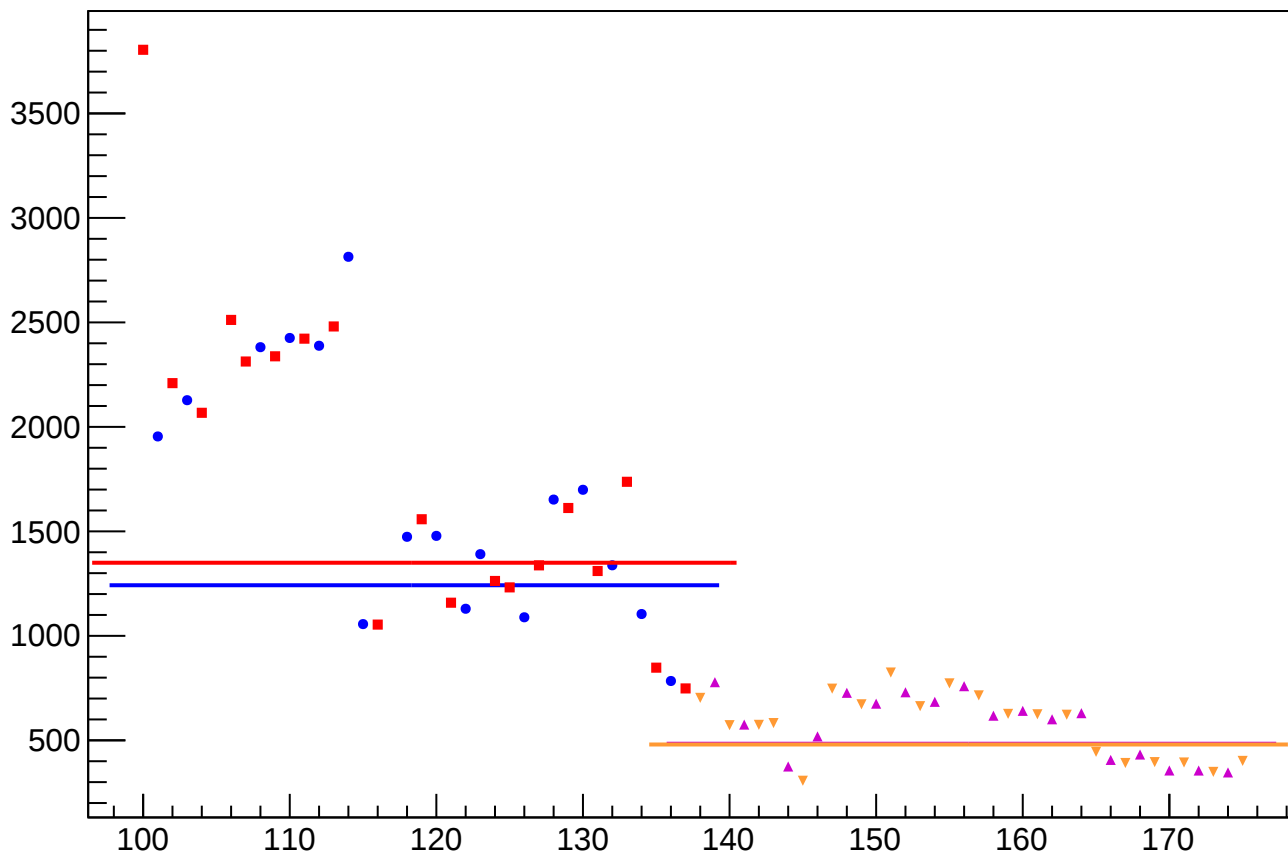
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -37.582+/-130.060 χ^2/NDF : 49.7/34

Out: -357.731+/-125.724 χ^2/NDF : 61.6/38

All: -203.082+/-90.394 χ^2/NDF : 114.4/73

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 480.081+/-0.091 χ^2/NDF : 2628026.3/19

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 483.737+/-0.095 χ^2/NDF : 2293919.8/17

Left: 481.837+/-0.066 χ^2/NDF : 4922715.1/37

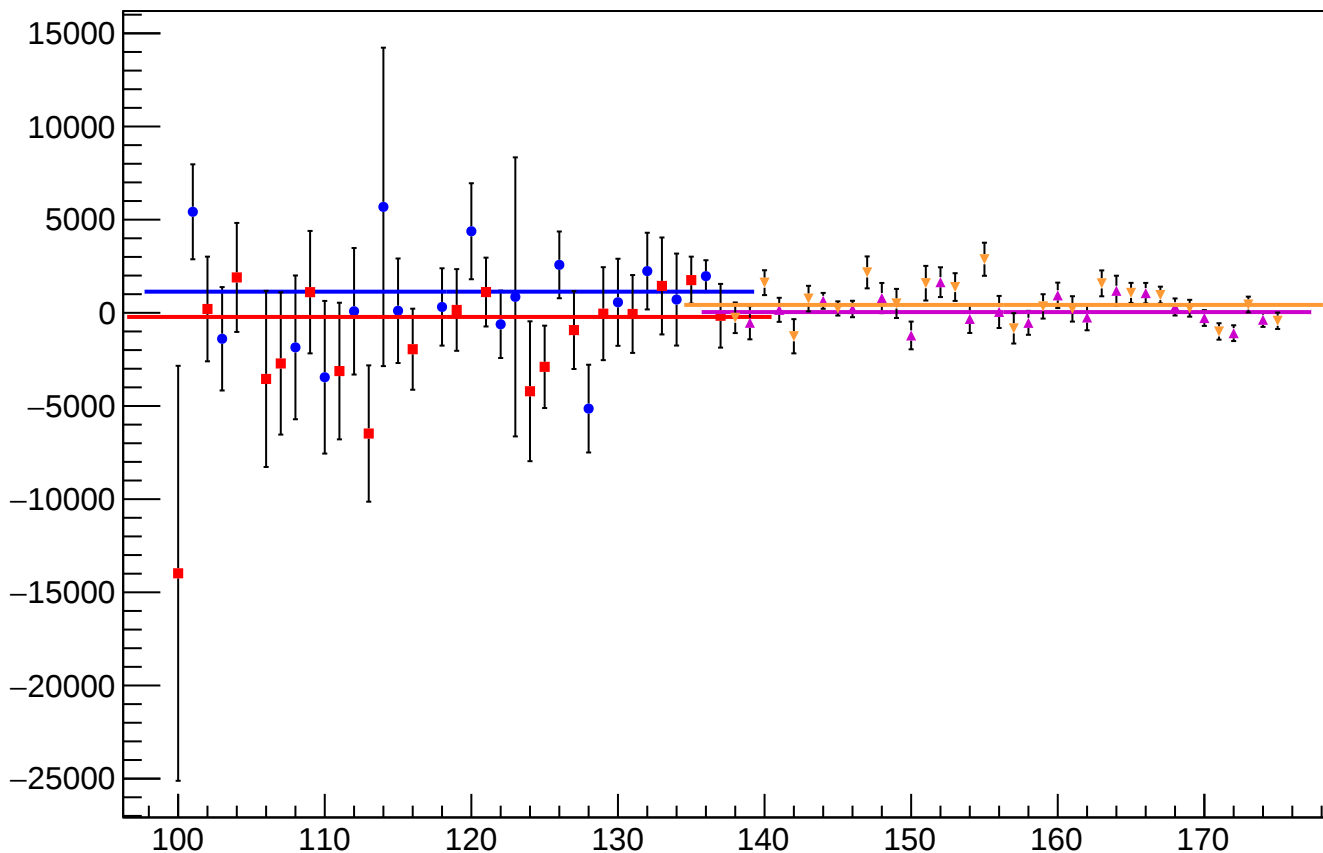
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 531.835+/-0.092 χ^2/NDF : 8100903.9/34

Out: 526.636+/-0.089 χ^2/NDF : 9345183.2/38

All: 529.147+/-0.064 χ^2/NDF : 17447739.5/73

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 424.695 $\pm$ 130.816 χ^2/NDF : 45.2/19

Right Out: -220.849 $\pm$ 547.528 χ^2/NDF : 13.5/18

Left In: 39.871 $\pm$ 132.958 χ^2/NDF : 27.9/17

Left: 235.408 $\pm$ 93.249 χ^2/NDF : 77.4/37

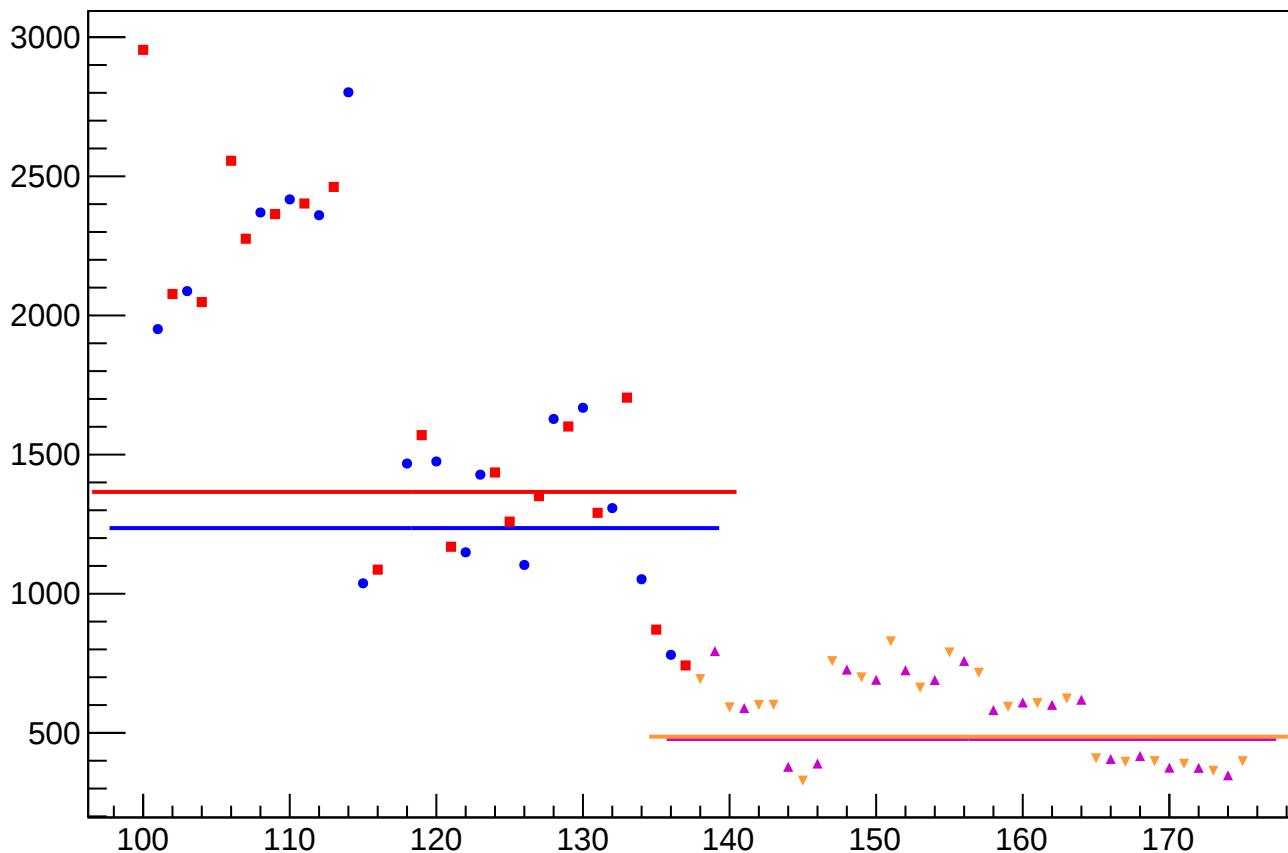
Right: 500.276 $\pm$ 374.656 χ^2/NDF : 34.5/35

In: 108.624 $\pm$ 128.717 χ^2/NDF : 50.0/34

Out: 389.835 $\pm$ 127.235 χ^2/NDF : 60.0/38

All: 250.858 $\pm$ 90.488 χ^2/NDF : 112.4/73

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 486.382+/-0.093 χ^2/NDF : 2469765.3/19

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 478.210+/-0.094 χ^2/NDF : 2205912.2/17

Left: 482.362+/-0.066 χ^2/NDF : 4679515.9/37

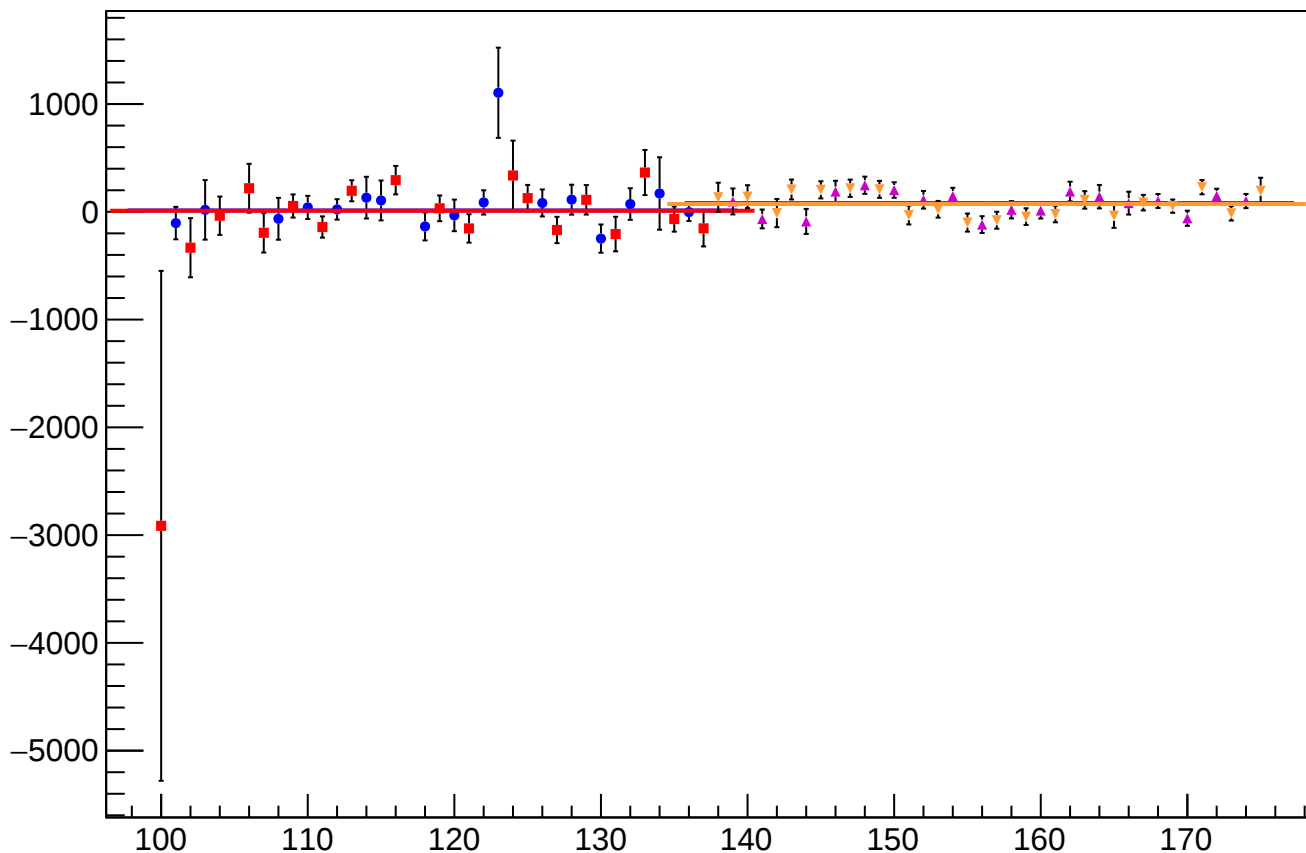
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 525.771+/-0.091 χ^2/NDF : 8028867.4/34

Out: 533.879+/-0.090 χ^2/NDF : 9102266.5/38

All: 529.872+/-0.064 χ^2/NDF : 17135147.0/73

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 72.194 $\pm$ 18.467 χ^2 /NDF:35.1/19

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 81.852 $\pm$ 19.147 χ^2 /NDF:29.0/17

Left: 76.848 $\pm$ 13.292 χ^2 /NDF: 64.2/37

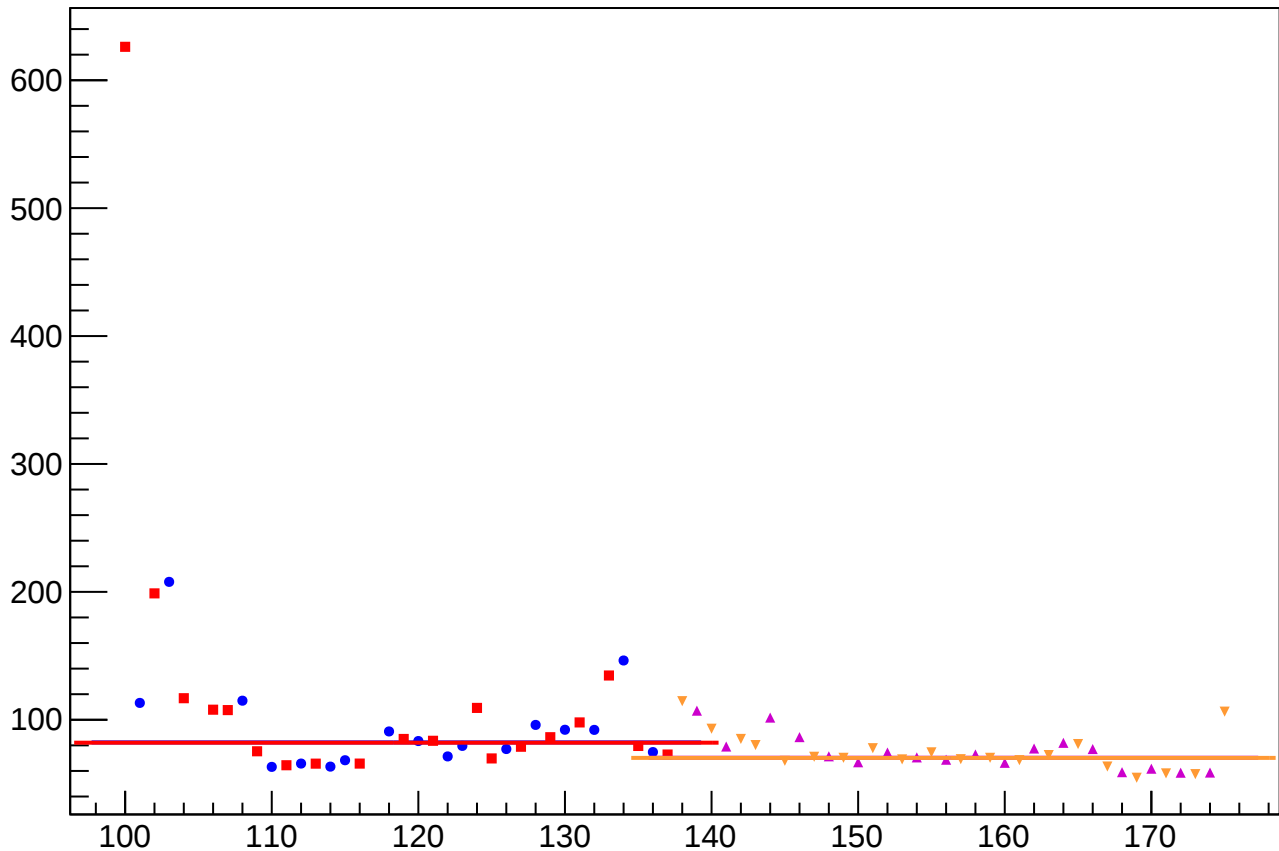
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 64.516 $\pm$ 16.590 χ^2 /NDF:47.6/34

Out: 57.095 $\pm$ 16.069 χ^2 /NDF:66.1/38

All: 60.687 $\pm$ 11.542 χ^2 /NDF: 113.8/73

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2/NDF : 868742.4/16

Left Out: 70.207 $\pm$ 0.013 χ^2/NDF : 865589.7/19

Right Out: 82.091 $\pm$ 0.023 χ^2/NDF : 959008.5/18

Left In: 70.317 $\pm$ 0.014 χ^2/NDF : 679746.8/17

Left: 70.260 $\pm$ 0.009 χ^2/NDF : 1545370.9/37

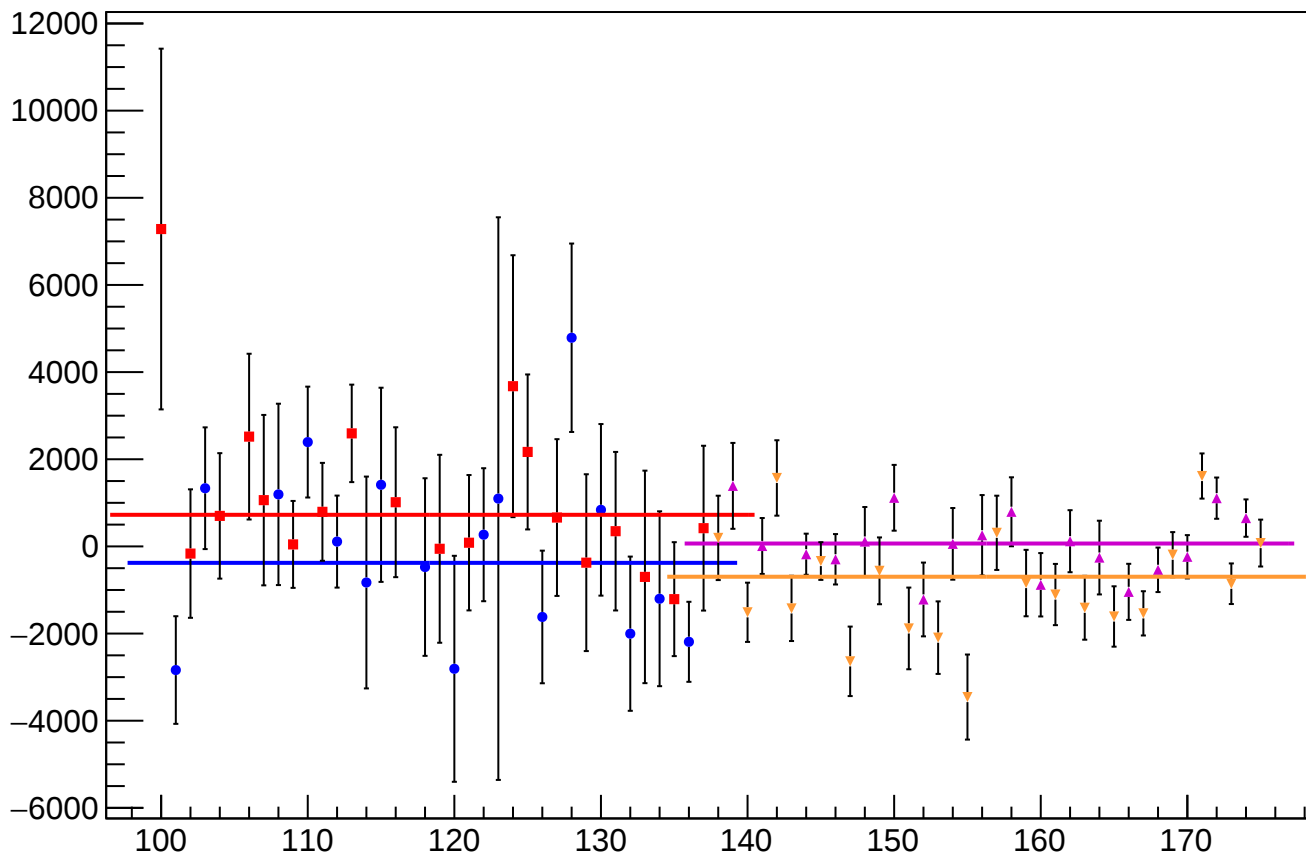
Right: 82.196 $\pm$ 0.016 χ^2/NDF : 1827793.7/35

In: 73.306 $\pm$ 0.012 χ^2/NDF : 1743937.0/34

Out: 73.094 $\pm$ 0.011 χ^2/NDF : 2025775.7/38

All: 73.196 $\pm$ 0.008 χ^2/NDF : 3769881.7/73

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -696.025+/-145.769 χ^2/NDF : 59.4/19

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 66.175+/-148.418 χ^2/NDF : 20.9/17

Left: -321.788+/-103.998 χ^2/NDF : 93.7/37

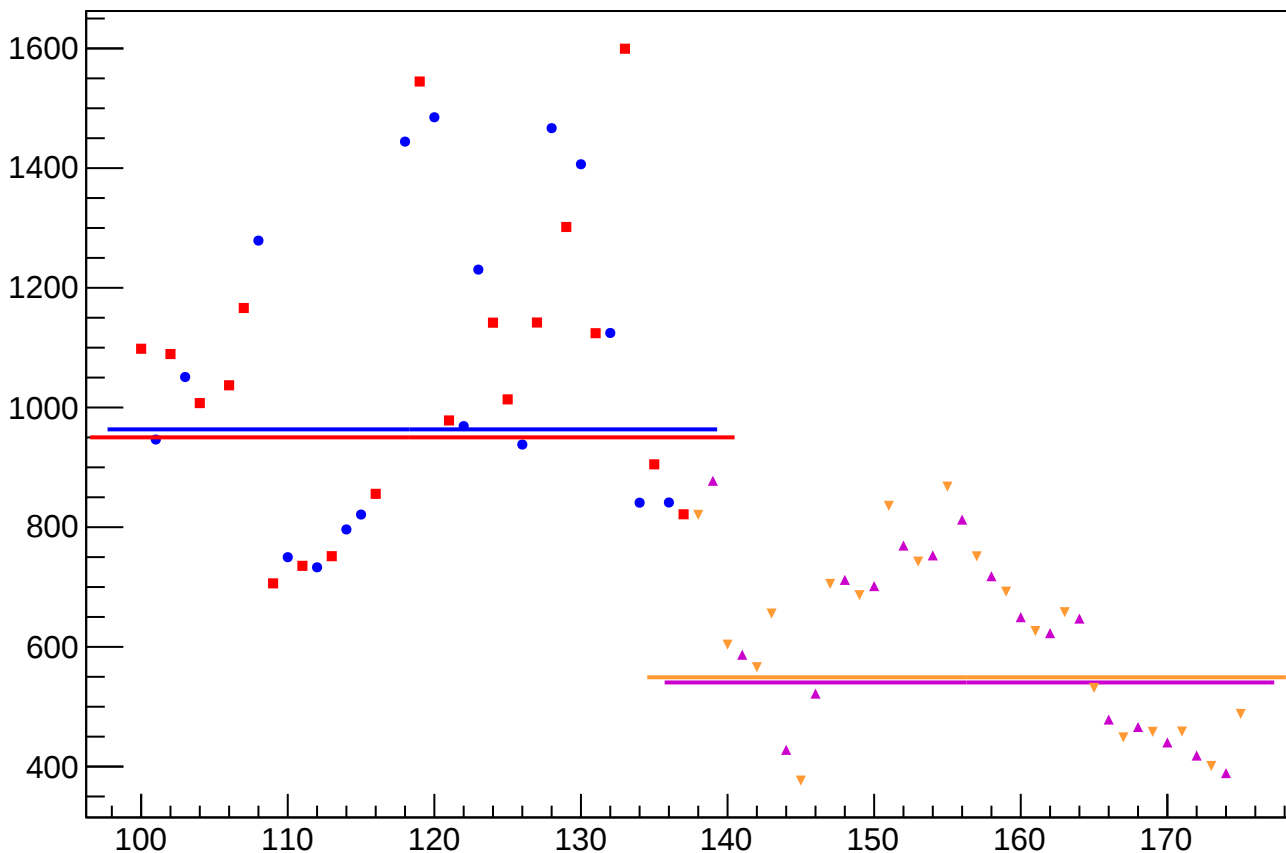
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: 8.505+/-138.433 χ^2/NDF : 46.5/34

Out: -502.518+/-135.483 χ^2/NDF : 84.2/38

All: -252.509+/-96.827 χ^2/NDF : 137.7/73

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 549.214 $\pm$ 0.103 χ^2 /NDF: 1860592.5/19

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 540.548 $\pm$ 0.105 χ^2 /NDF: 1727776.2/17

Left: 544.959 $\pm$ 0.074 χ^2 /NDF: 3591839.1/37

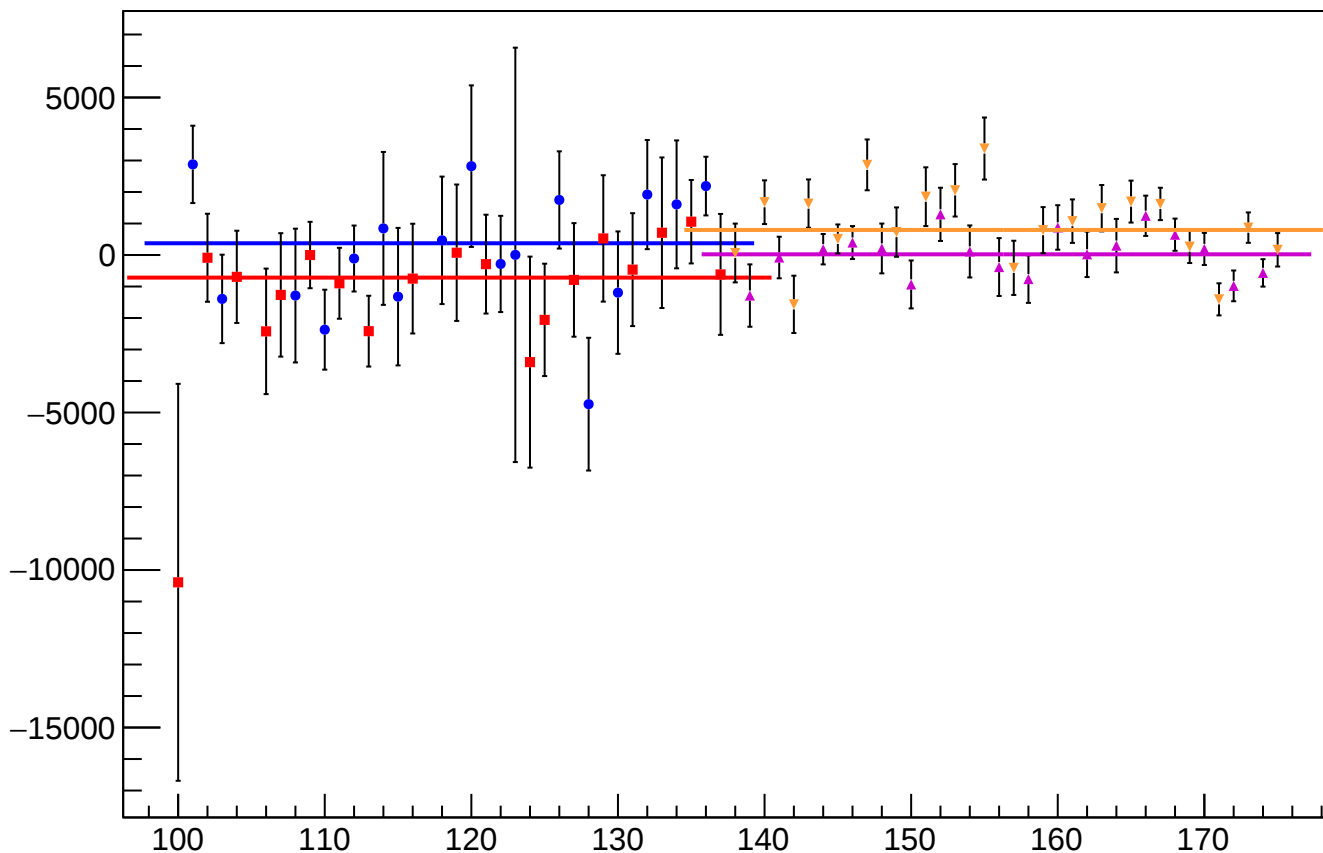
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 595.541 $\pm$ 0.098 χ^2 /NDF: 4528300.7/34

Out: 603.799 $\pm$ 0.096 χ^2 /NDF: 4652329.3/38

All: 599.759 $\pm$ 0.068 χ^2 /NDF: 9184265.3/73

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 795.249+/-147.020 χ^2/NDF : 56.1/19

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: 22.065+/-148.562 χ^2/NDF : 20.5/17

Left: 412.691+/-104.500 χ^2/NDF : 90.3/37

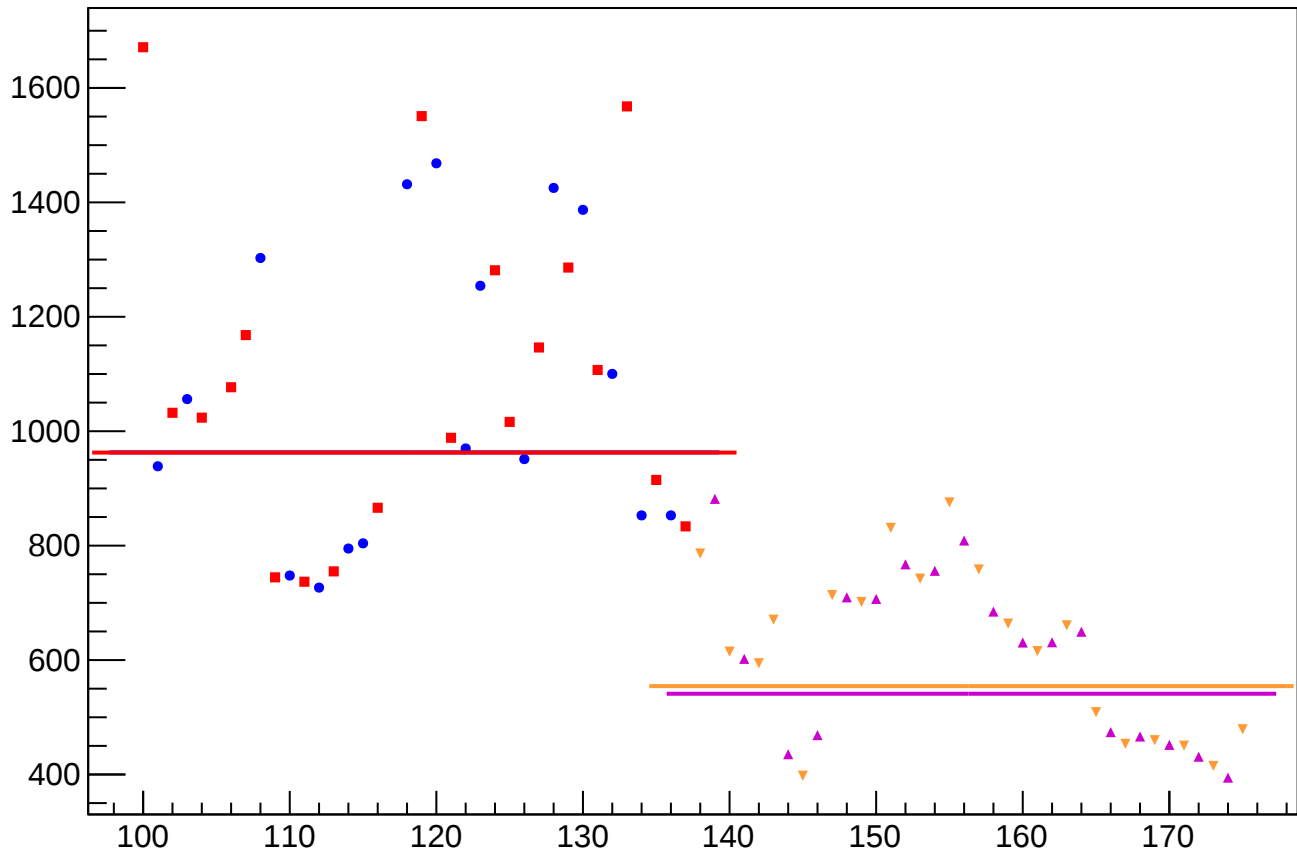
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 67.810+/-138.538 χ^2/NDF : 46.5/34

Out: 590.679+/-136.717 χ^2/NDF : 80.6/38

All: 332.703+/-97.311 χ^2/NDF : 134.2/73

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 554.456+/-0.104 χ^2/NDF : 1717454.4/19

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 541.134+/-0.105 χ^2/NDF : 1645632.1/17

Left: 547.864+/-0.074 χ^2/NDF : 3371210.8/37

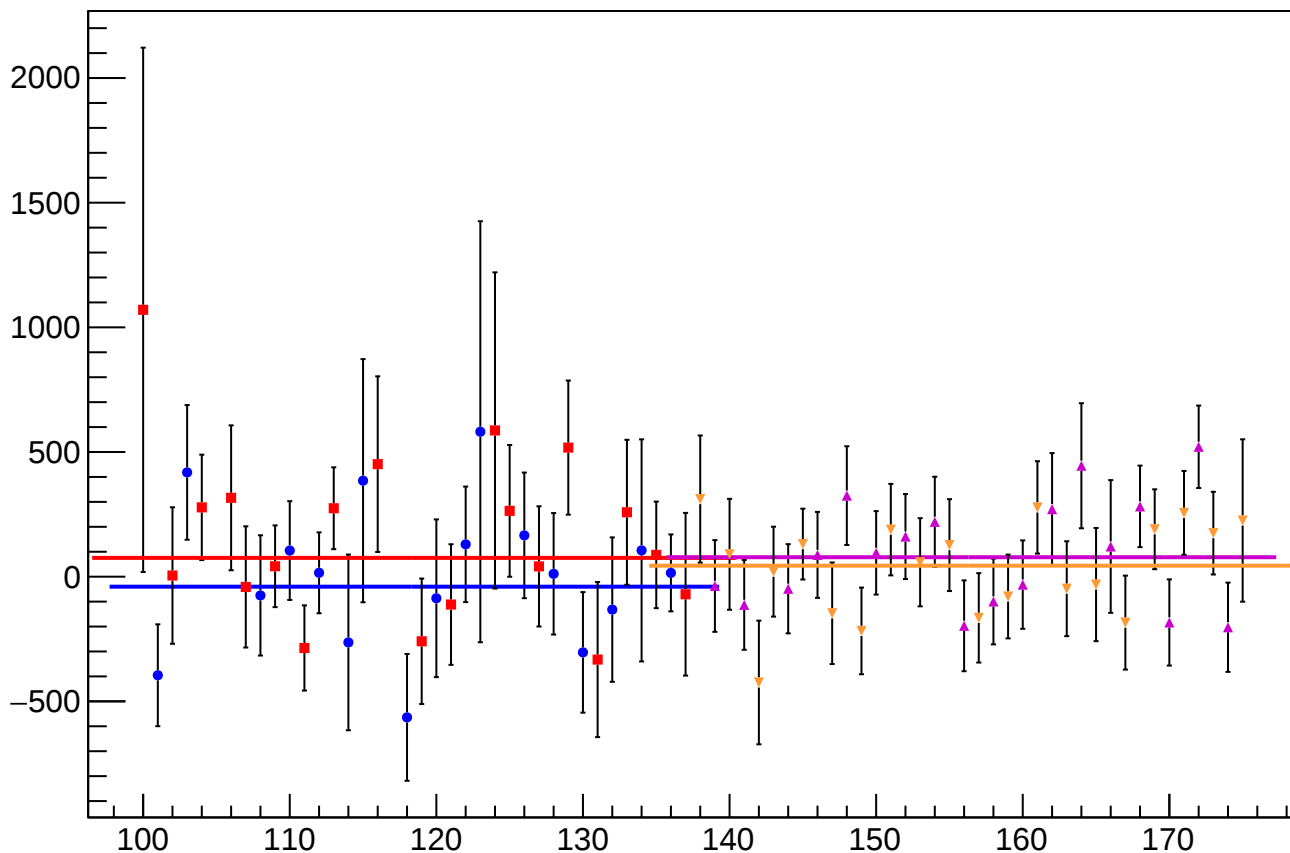
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 596.137+/-0.098 χ^2/NDF : 4415703.0/34

Out: 609.665+/-0.097 χ^2/NDF : 4499316.7/38

All: 602.991+/-0.069 χ^2/NDF : 8924680.5/73

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 44.048 ± 41.828 χ^2/NDF : 17.7/19

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 78.048 ± 43.208 χ^2/NDF : 24.6/17

Left: 60.496 ± 30.053 χ^2/NDF : 42.6/37

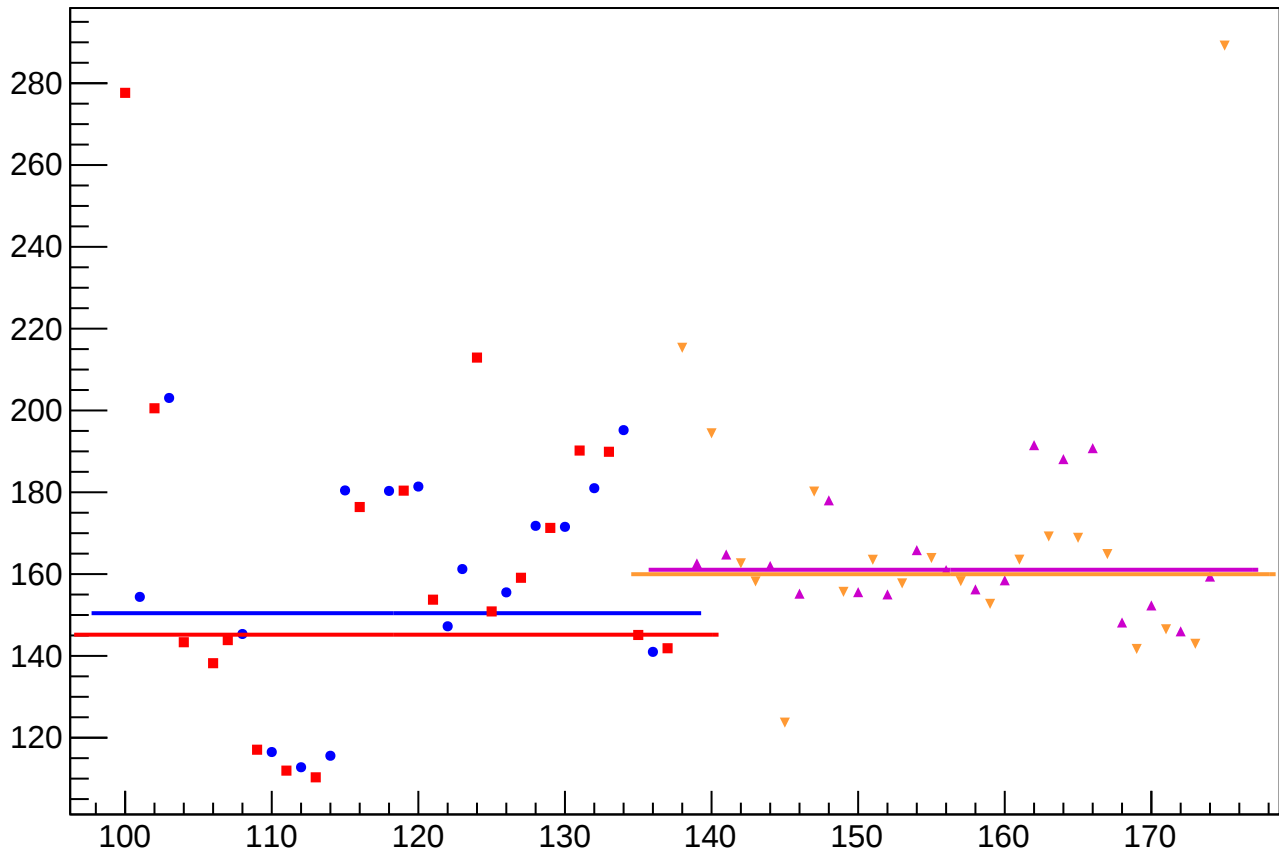
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 37.027 ± 34.913 χ^2/NDF : 42.5/34

Out: 55.237 ± 33.561 χ^2/NDF : 36.4/38

All: 46.491 ± 24.195 χ^2/NDF : 79.0/73

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 159.973 $\pm$ 0.030 χ^2 /NDF: 684430.4/19

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.061 $\pm$ 0.031 χ^2 /NDF: 145282.4/17

Left: 160.499 $\pm$ 0.021 χ^2 /NDF: 830367.5/37

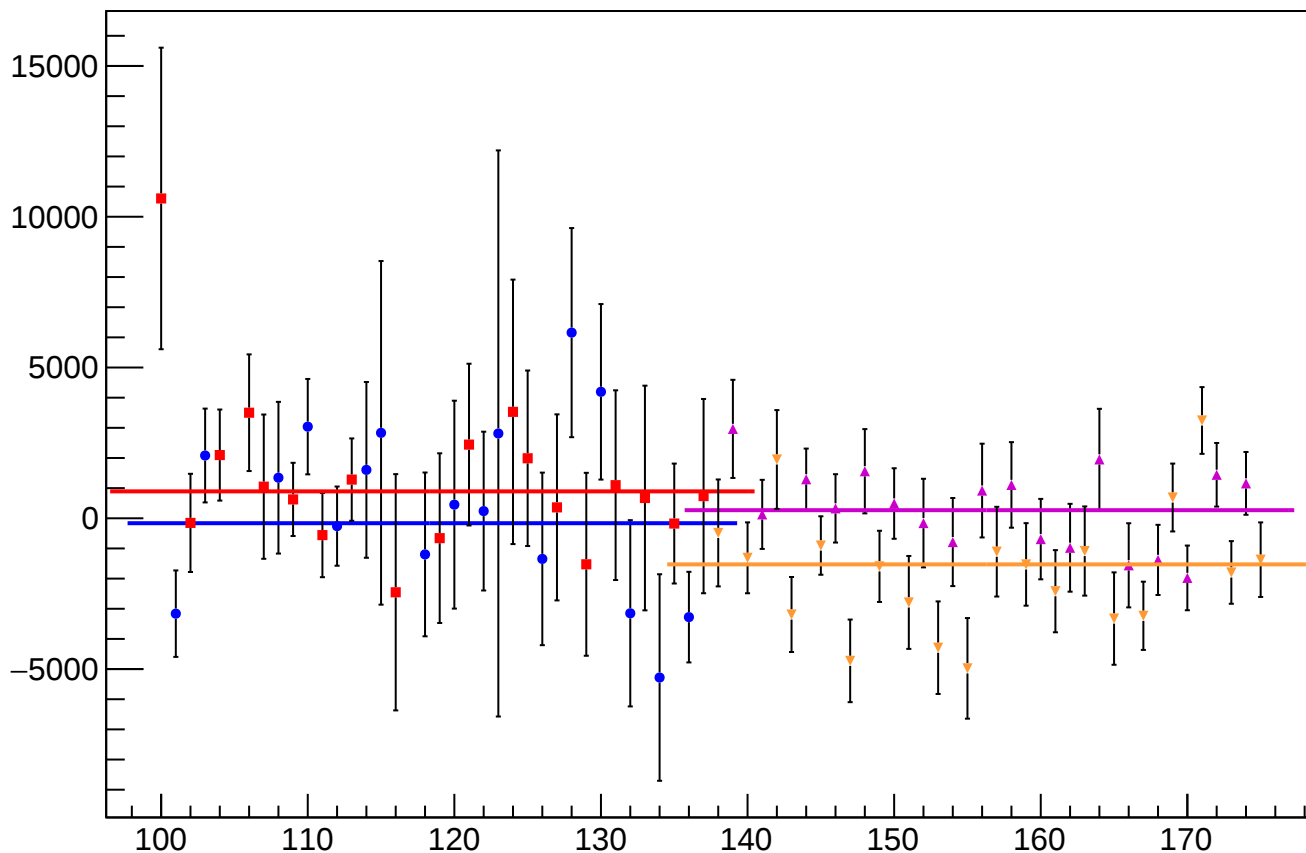
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 157.375 $\pm$ 0.025 χ^2 /NDF: 587337.1/34

Out: 154.706 $\pm$ 0.024 χ^2 /NDF: 1309145.6/38

All: 155.988 $\pm$ 0.017 χ^2 /NDF: 1902555.2/73

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1528.004 $\pm$ 289.178 χ^2 /NDF: 47.6/19

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 269.019 $\pm$ 297.458 χ^2 /NDF: 18.1/17

Left: -654.852 $\pm$ 207.345 χ^2 /NDF: 84.5/37

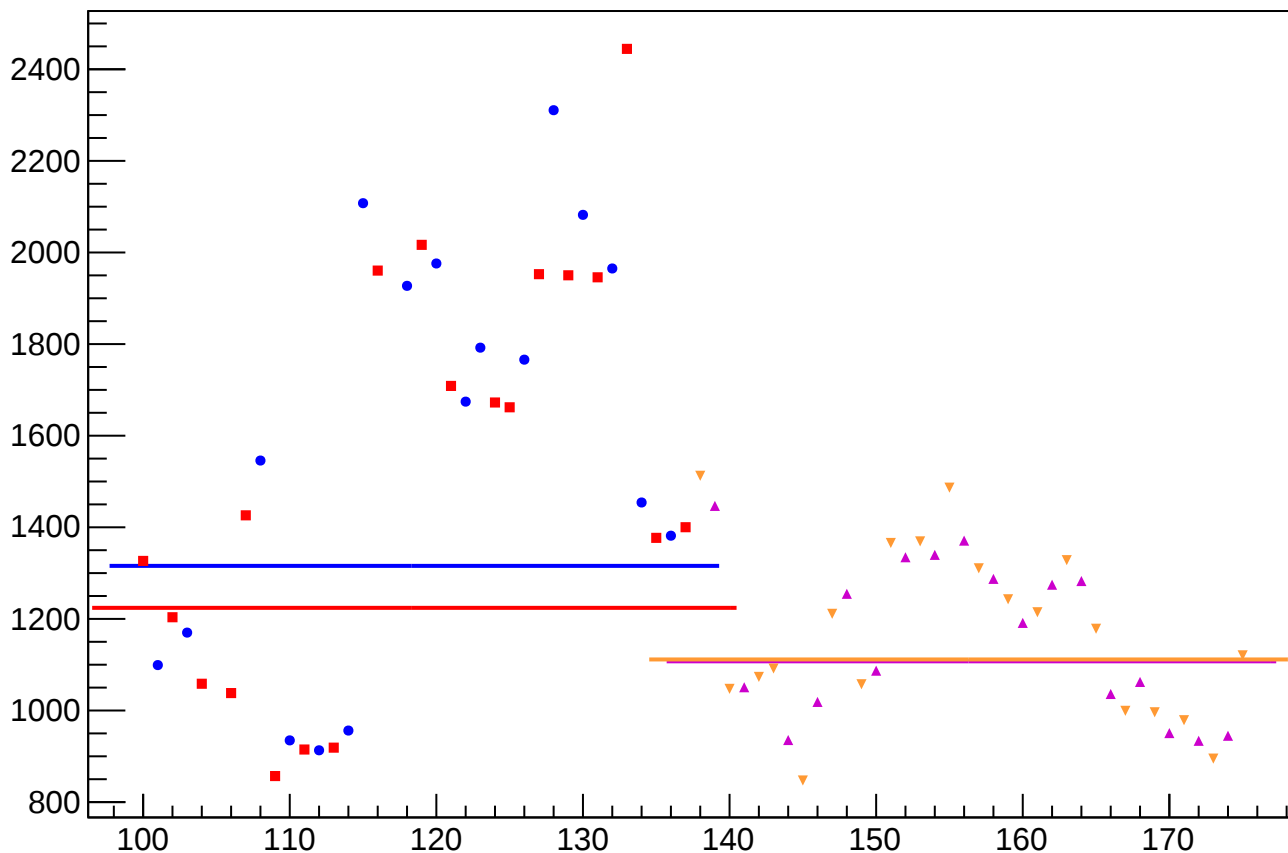
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 166.513 $\pm$ 259.765 χ^2 /NDF: 43.7/34

Out: -891.704 $\pm$ 248.288 χ^2 /NDF: 76.7/38

All: -386.490 $\pm$ 179.486 χ^2 /NDF: 129.0/73

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1111.464+/-0.204 χ^2/NDF : 754150.7/19

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1107.393+/-0.210 χ^2/NDF : 581979.0/17

Left: 1109.486+/-0.147 χ^2/NDF : 1336322.3/37

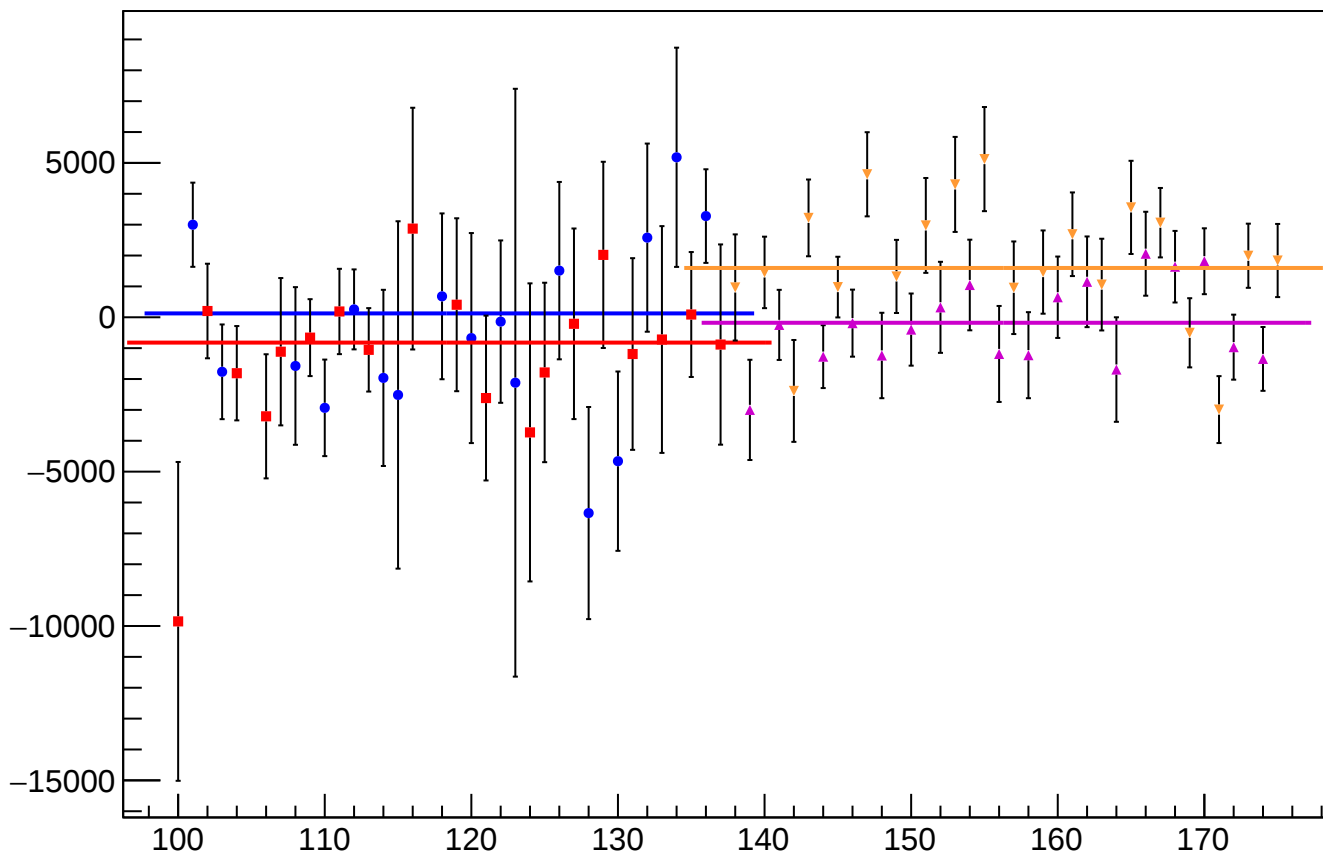
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1156.860+/-0.184 χ^2/NDF : 1933336.5/34

Out: 1141.078+/-0.176 χ^2/NDF : 2197866.8/38

All: 1148.613+/-0.127 χ^2/NDF : 4135061.2/73

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1597.409 $\pm$ 287.584 χ^2 /NDF:47.3/19

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -178.227 $\pm$ 295.324 χ^2 /NDF:19.1/17

Left: 733.164 $\pm$ 206.035 χ^2 /NDF: 85.0/37

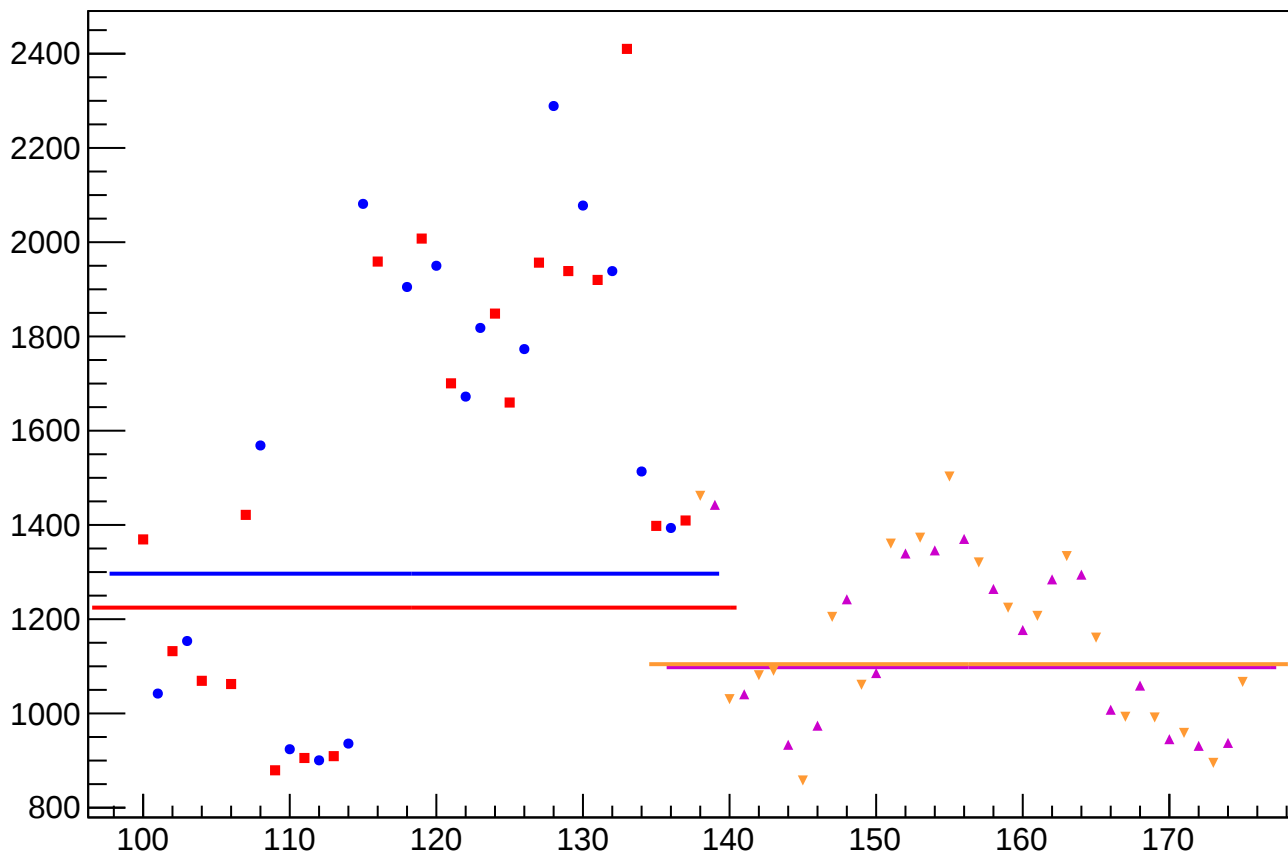
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -105.629 $\pm$ 257.606 χ^2 /NDF:44.0/34

Out: 967.846 $\pm$ 247.321 χ^2 /NDF:74.8/38

All: 452.965 $\pm$ 178.408 χ^2 /NDF: 127.9/73

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1104.543 $\pm$ 0.203 χ^2 /NDF: 741378.0/19

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1098.148 $\pm$ 0.209 χ^2 /NDF: 612794.9/17

Left: 1101.430 $\pm$ 0.146 χ^2 /NDF: 1354654.3/37

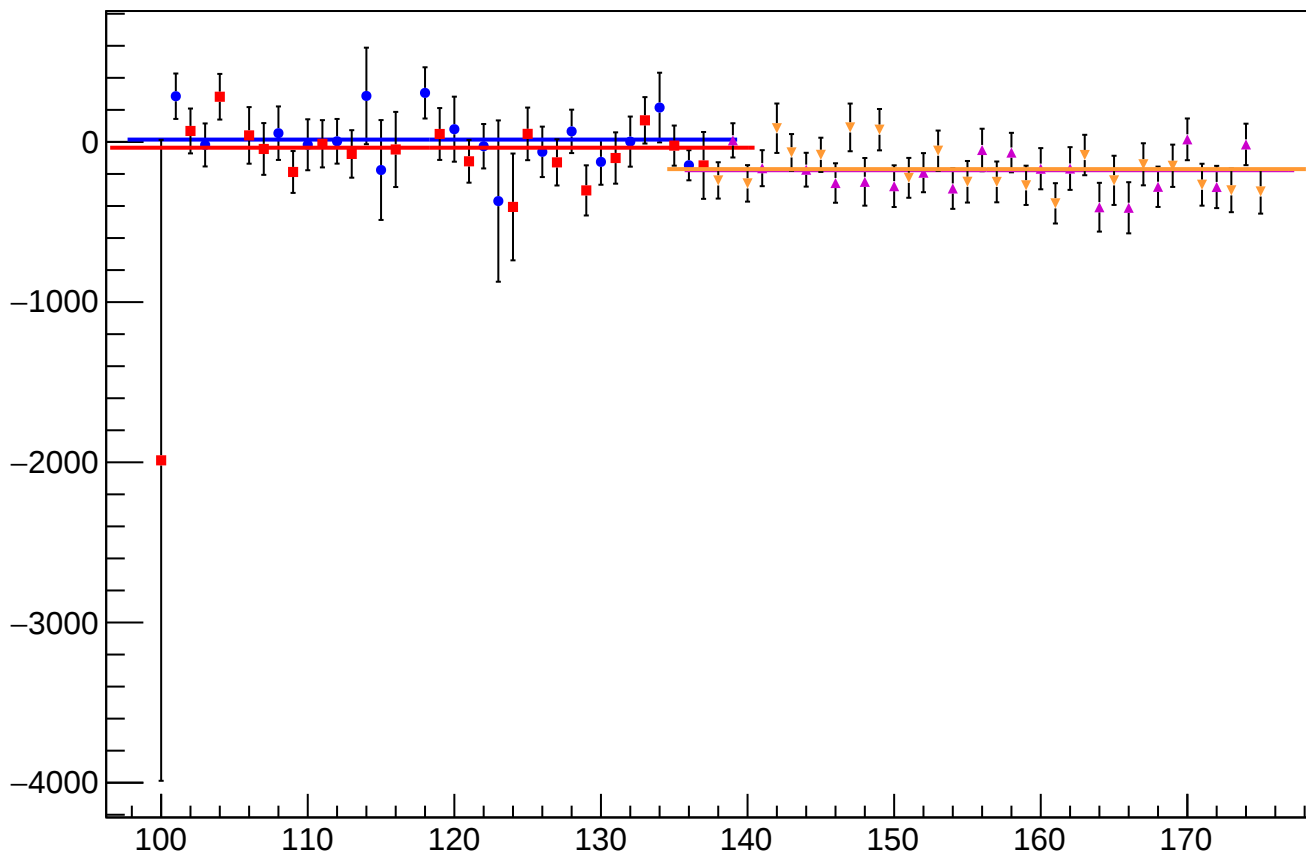
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1145.596 $\pm$ 0.182 χ^2 /NDF: 2004157.2/34

Out: 1135.796 $\pm$ 0.175 χ^2 /NDF: 2180360.4/38

All: 1140.496 $\pm$ 0.126 χ^2 /NDF: 4186023.7/73

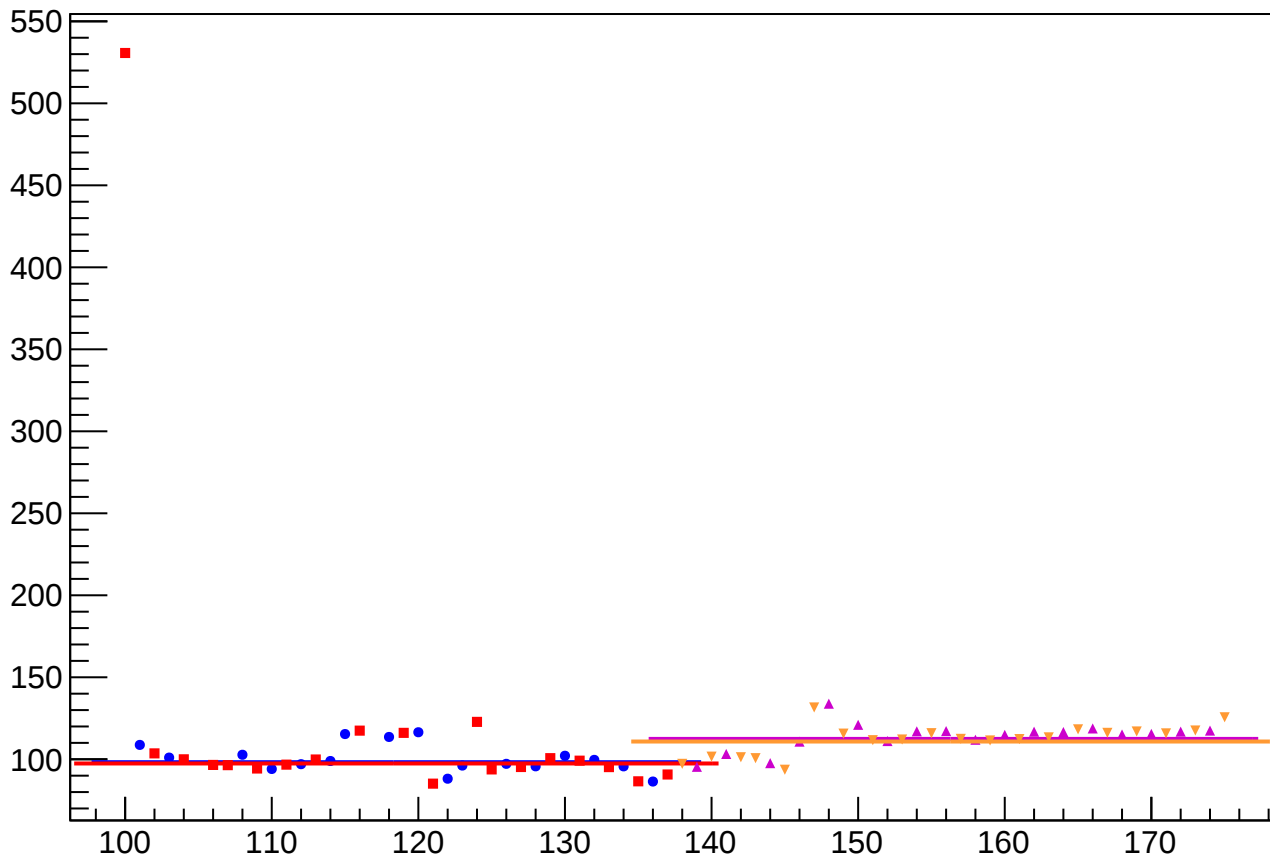
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -169.755 ± 28.518 $\chi^2/\text{NDF}: 20.6/19$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -176.613 ± 29.931 $\chi^2/\text{NDF}: 16.3/17$

Left: -173.018 ± 20.647 $\chi^2/\text{NDF}: 37.0/37$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -103.452 ± 23.517 $\chi^2/\text{NDF}: 46.1/34$
 Out: -119.486 ± 22.523 $\chi^2/\text{NDF}: 44.3/38$
 All: -111.815 ± 16.266 $\chi^2/\text{NDF}: 90.7/73$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2/NDF : 100510.4/16

Left Out: 110.827 $\pm$ 0.020 χ^2/NDF : 206606.8/19

Right Out: 97.436 $\pm$ 0.026 χ^2/NDF : 190066.6/18

Left In: 112.421 $\pm$ 0.021 χ^2/NDF : 174475.1/17

Left: 111.585 $\pm$ 0.015 χ^2/NDF : 384055.4/37

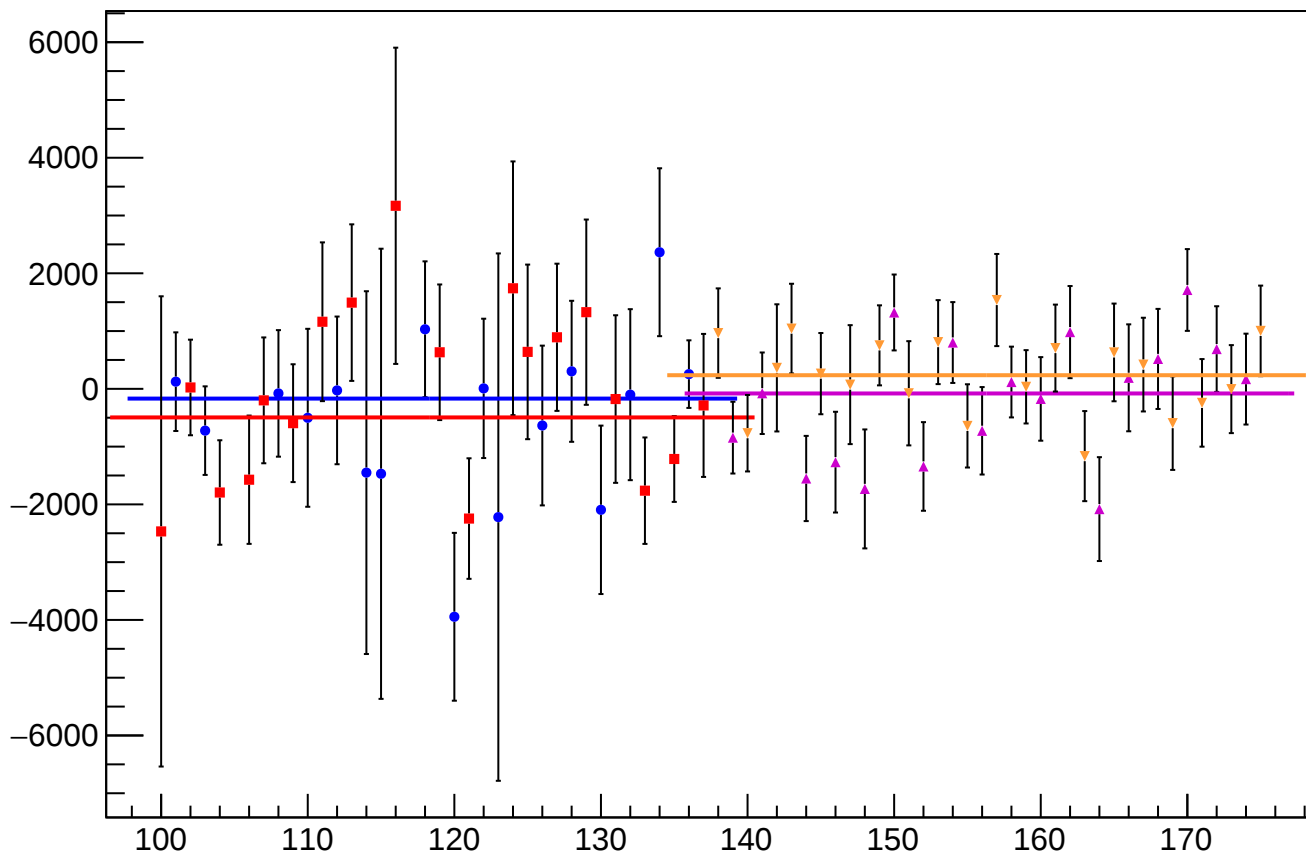
Right: 97.814 $\pm$ 0.019 χ^2/NDF : 291015.4/35

In: 106.986 $\pm$ 0.017 χ^2/NDF : 447283.9/34

Out: 105.789 $\pm$ 0.016 χ^2/NDF : 562554.4/38

All: 106.362 $\pm$ 0.012 χ^2/NDF : 1012541.4/73

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2/NDF : 14.6/16

Left Out: 235.840 $\pm$ 172.681 χ^2/NDF : 16.2/19

Right Out: -494.868 $\pm$ 267.430 χ^2/NDF : 19.8/18

Left In: -80.038 $\pm$ 177.262 χ^2/NDF : 34.5/17

Left: 82.035 $\pm$ 123.692 χ^2/NDF : 52.4/37

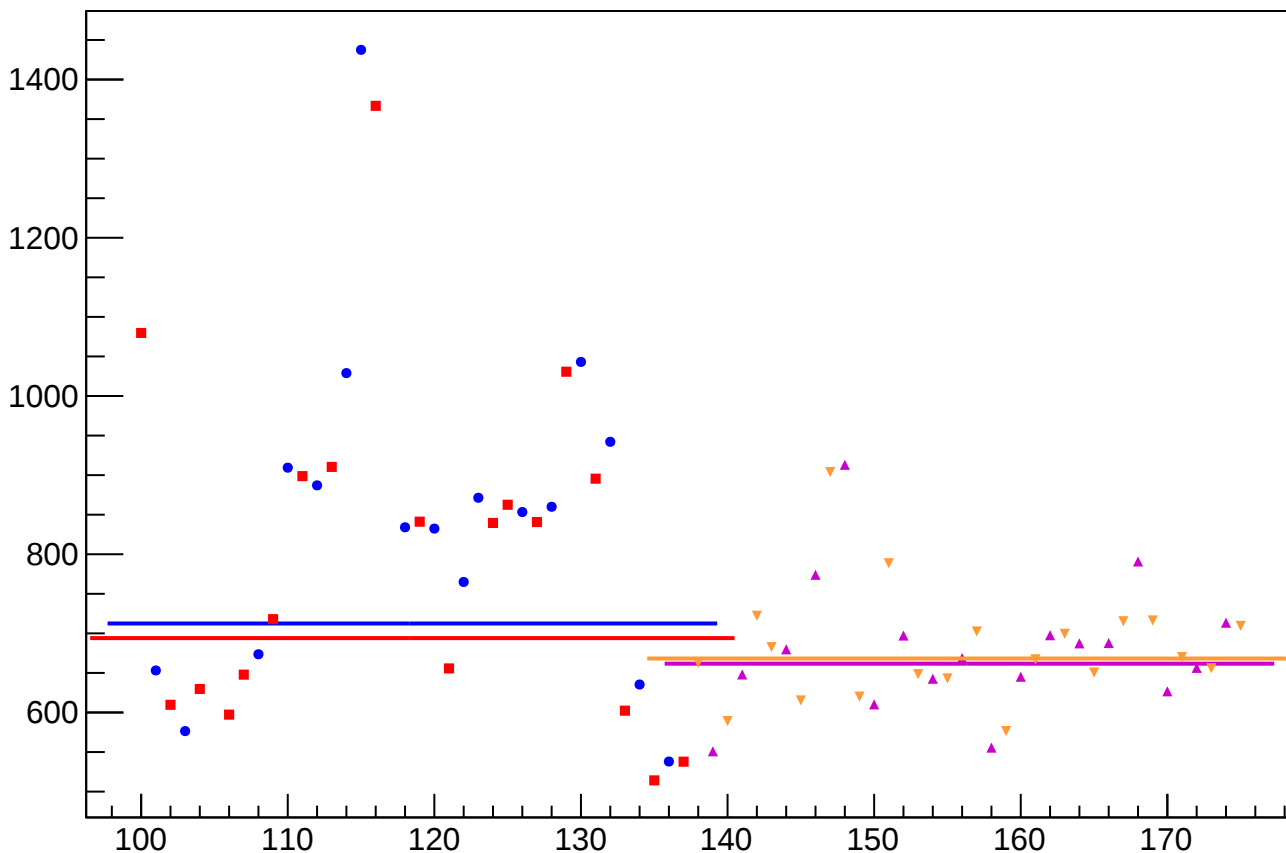
Right: -340.578 $\pm$ 194.106 χ^2/NDF : 35.1/35

In: -105.155 $\pm$ 150.102 χ^2/NDF : 49.2/34

Out: 20.827 $\pm$ 145.068 χ^2/NDF : 41.3/38

All: -40.015 $\pm$ 104.313 χ^2/NDF : 90.9/73

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 668.219 $\pm$ 0.122 χ^2 /NDF: 268901.9/19

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 661.689 $\pm$ 0.125 χ^2 /NDF: 362645.6/17

Left: 665.039 $\pm$ 0.087 χ^2 /NDF: 632939.7/37

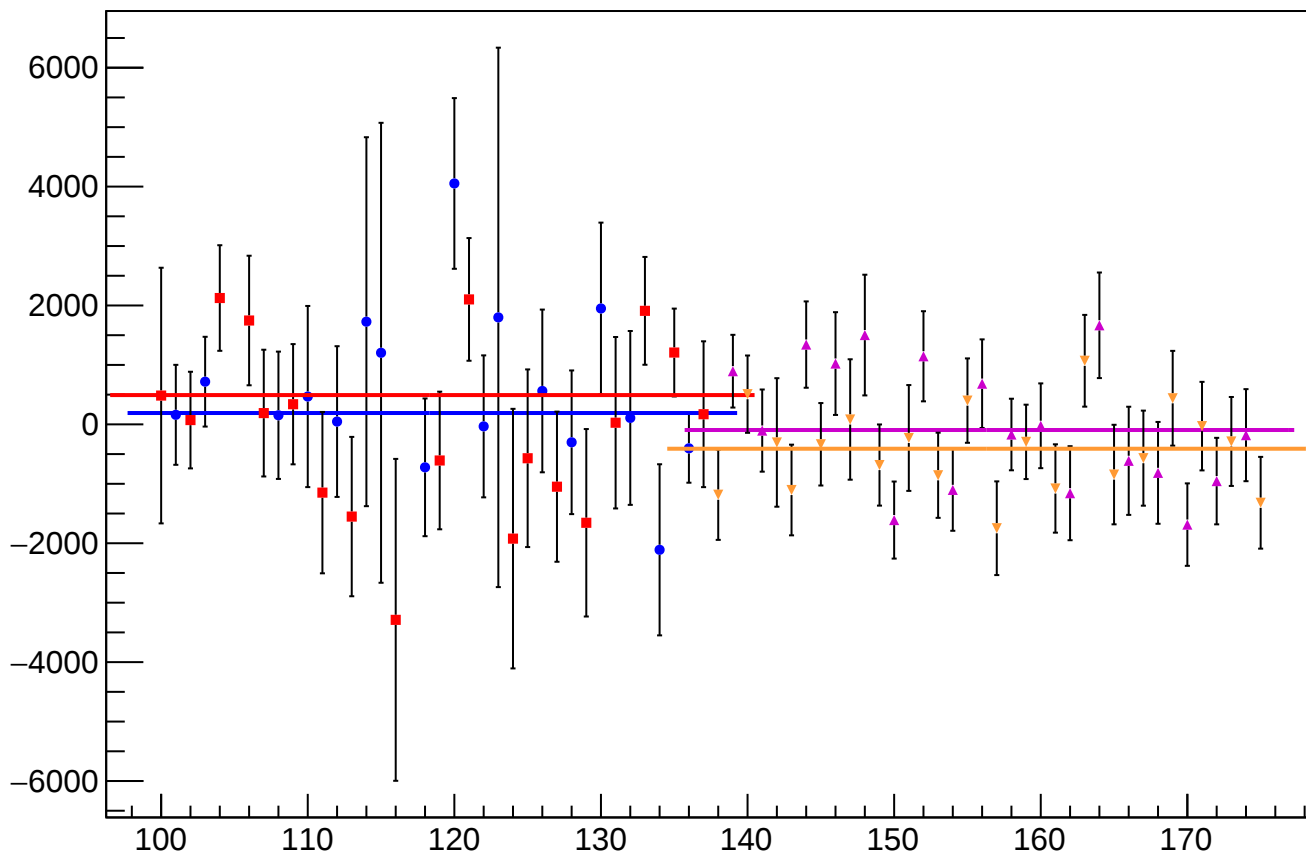
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 676.060 $\pm$ 0.106 χ^2 /NDF: 1069620.0/34

Out: 675.809 $\pm$ 0.103 χ^2 /NDF: 957023.9/38

All: 675.930 $\pm$ 0.074 χ^2 /NDF: 2026646.8/73

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -409.949 ± 170.130 $\chi^2/\text{NDF}: 16.5/19$

Right Out: 492.659 ± 262.648 $\chi^2/\text{NDF}: 22.8/18$

Left In: -94.963 ± 174.603 $\chi^2/\text{NDF}: 35.5/17$

Left: -256.542 ± 121.851 $\chi^2/\text{NDF}: 53.7/37$

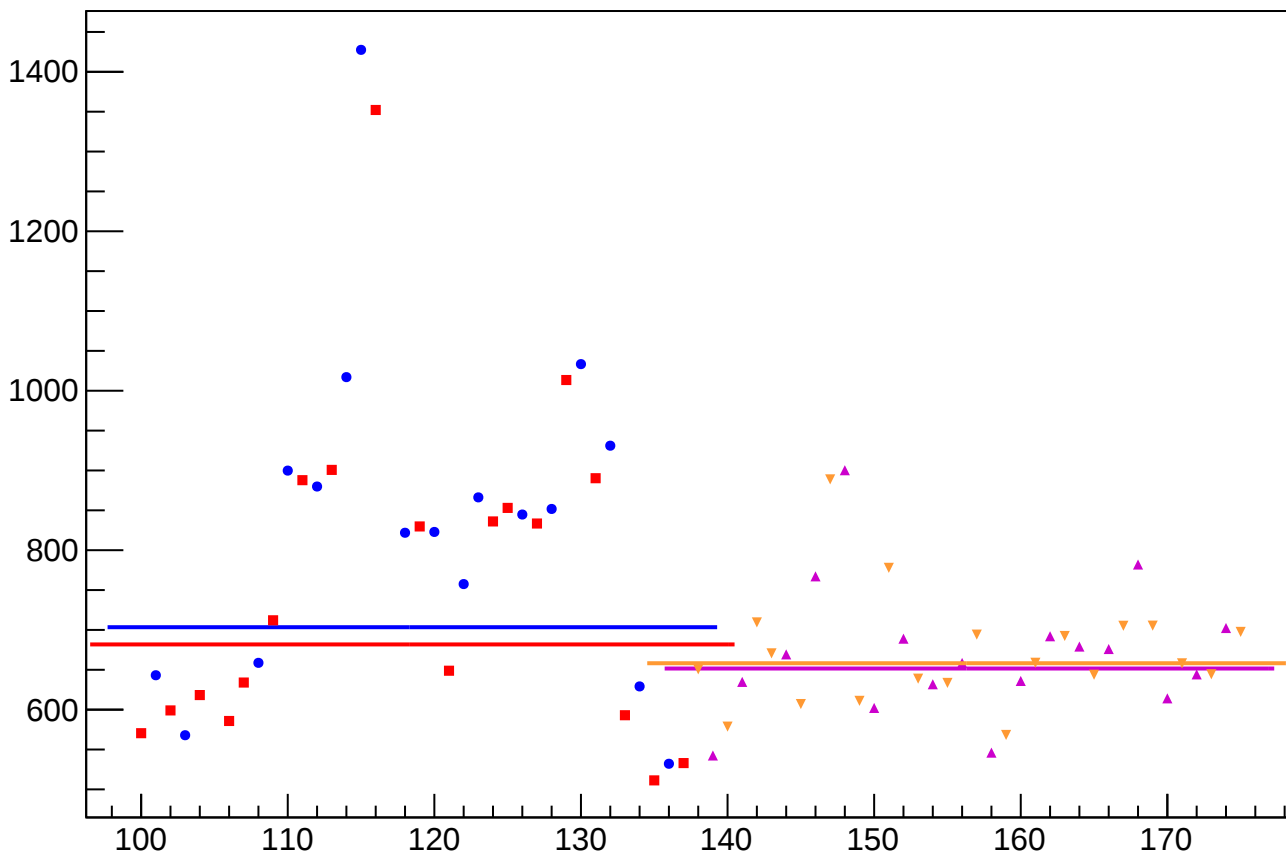
Right: 350.694 ± 191.134 $\chi^2/\text{NDF}: 37.6/35$

In: -14.382 ± 147.959 $\chi^2/\text{NDF}: 50.5/34$

Out: -143.168 ± 142.791 $\chi^2/\text{NDF}: 47.6/38$

All: -81.064 ± 102.747 $\chi^2/\text{NDF}: 98.5/73$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 658.218 $\pm$ 0.120 χ^2 /NDF: 268970.3/19

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 651.585 $\pm$ 0.123 χ^2 /NDF: 372086.3/17

Left: 654.988 $\pm$ 0.086 χ^2 /NDF: 642537.2/37

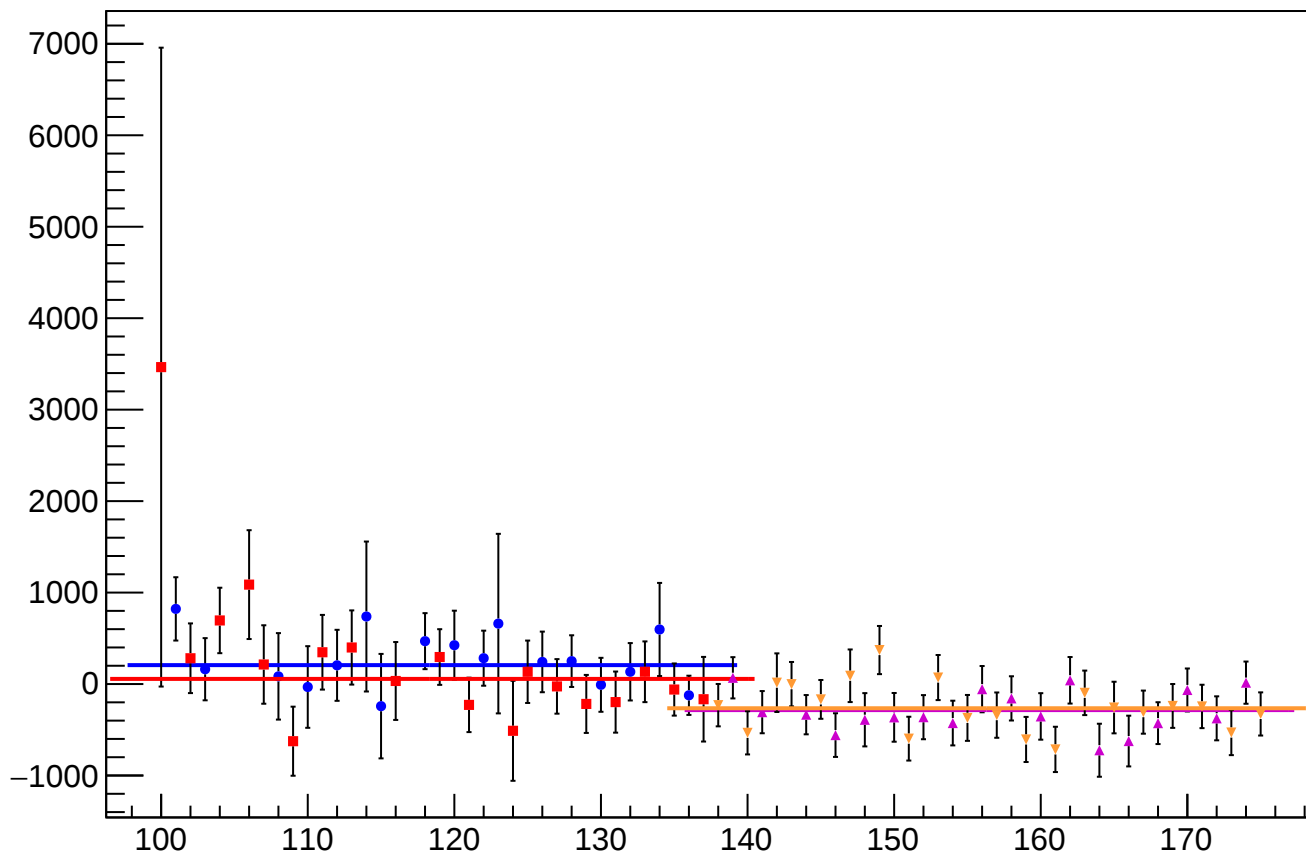
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 666.194 $\pm$ 0.105 χ^2 /NDF: 1088635.5/34

Out: 665.190 $\pm$ 0.101 χ^2 /NDF: 945131.8/38

All: 665.674 $\pm$ 0.073 χ^2 /NDF: 2033814.9/73

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected

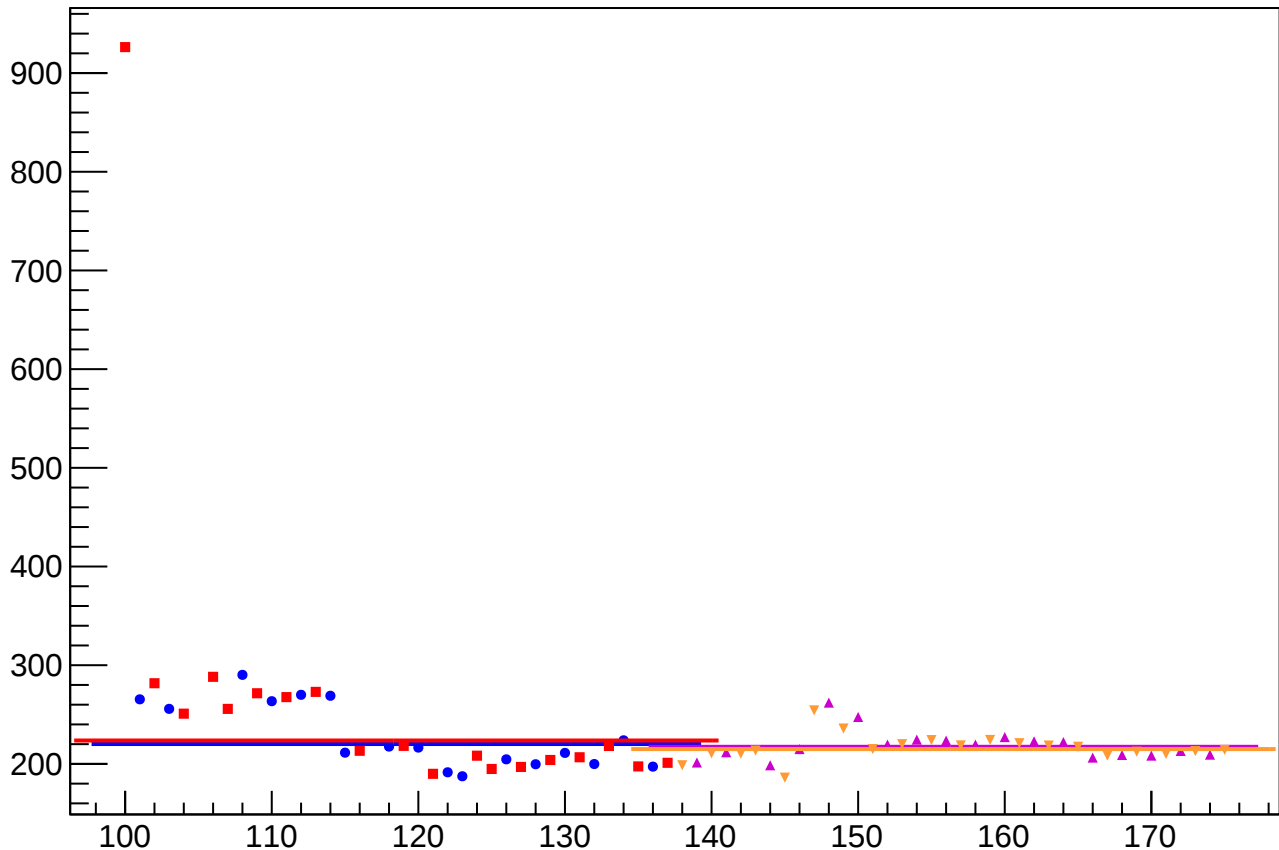


Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16
 Left Out: -264.656 $\pm$ 55.233 χ^2 /NDF:21.8/19
 Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18
 Left In: -284.809 $\pm$ 57.794 χ^2 /NDF:14.2/17

Left: -274.276 $\pm$ 39.930 χ^2 /NDF: 36.1/37
 Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35
 In: -130.934 $\pm$ 47.904 χ^2 /NDF:46.3/34
 Out: -169.659 $\pm$ 46.341 χ^2 /NDF:48.5/38

All: -150.939 $\pm$ 33.307 χ^2 /NDF: 95.1/73

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 215.014+/-0.039 χ^2/NDF : 109474.7/19

Right Out: 223.705+/-0.060 χ^2/NDF : 353242.3/18

Left In: 217.321+/-0.041 χ^2/NDF : 118963.5/17

Left: 216.115+/-0.028 χ^2/NDF : 230104.7/37

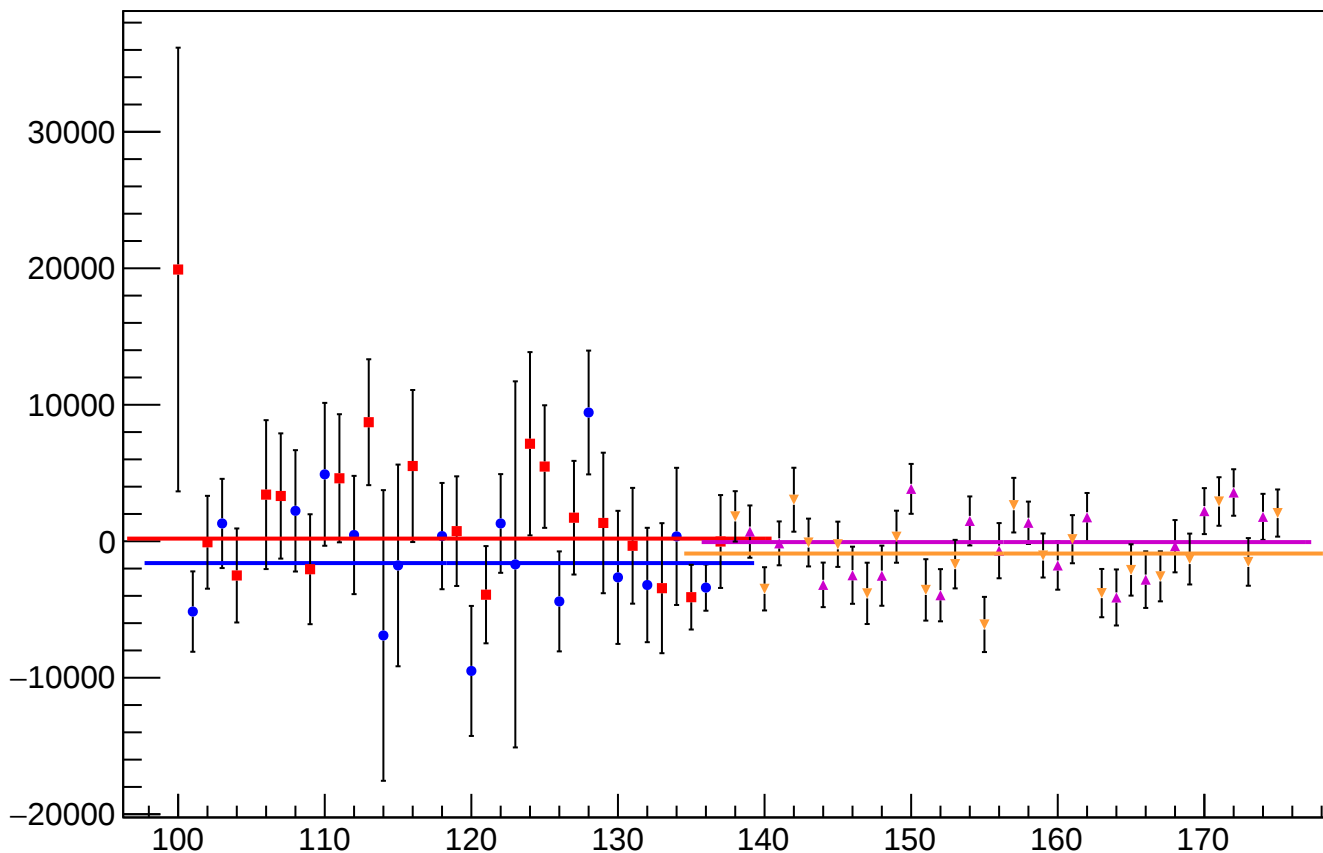
Right: 221.929+/-0.043 χ^2/NDF : 583436.5/35

In: 218.201+/-0.034 χ^2/NDF : 348888.6/34

Out: 217.587+/-0.033 χ^2/NDF : 477380.9/38

All: 217.884+/-0.024 χ^2/NDF : 826439.3/73

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -899.651 $\pm$ 411.023 χ^2 /NDF:33.5/19

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -60.718 $\pm$ 428.913 χ^2 /NDF:32.1/17

Left: -498.045 $\pm$ 296.760 χ^2 /NDF: 67.6/37

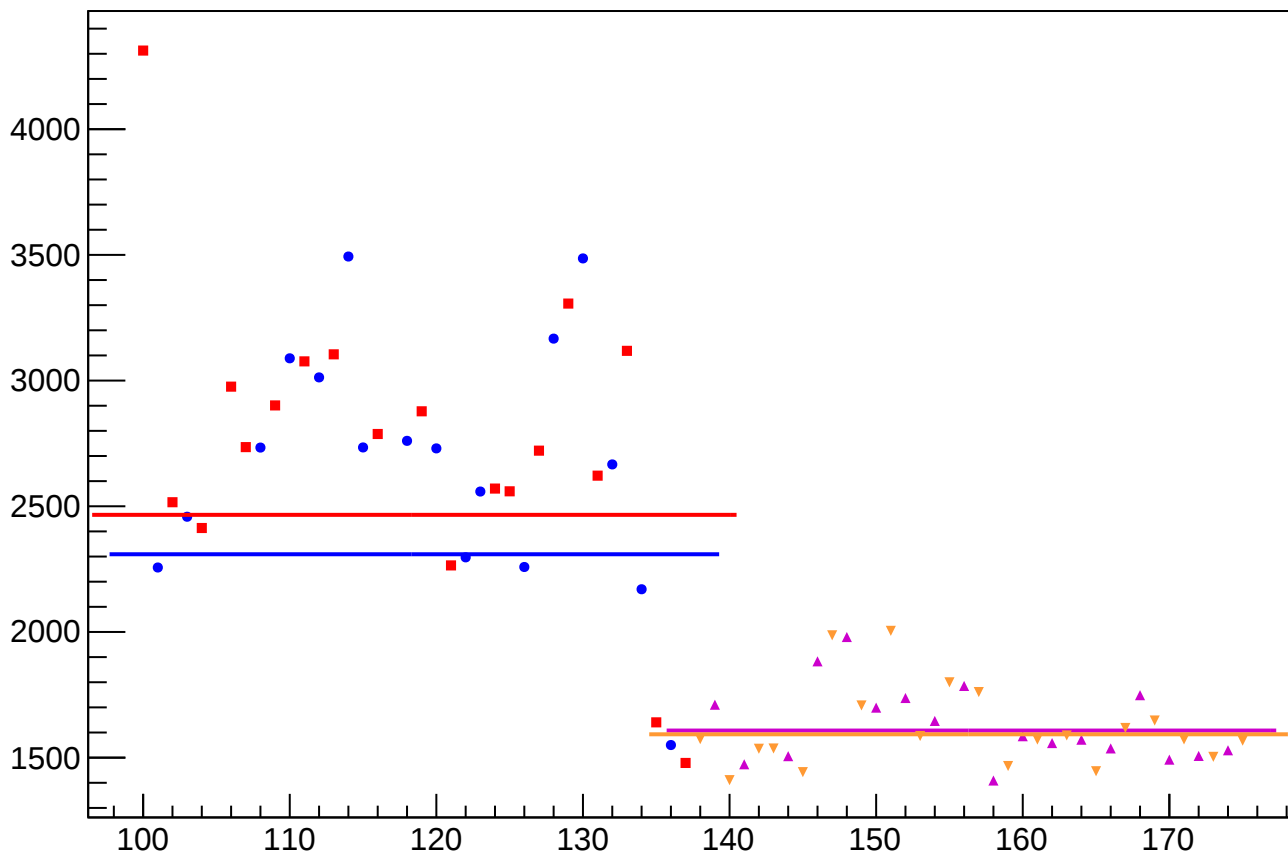
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -334.868 $\pm$ 388.820 χ^2 /NDF:51.0/34

Out: -726.282 $\pm$ 377.071 χ^2 /NDF:50.9/38

All: -536.578 $\pm$ 270.688 χ^2 /NDF: 102.4/73

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1592.925 $\pm$ 0.291 χ^2 /NDF: 250055.4/19

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1607.817 $\pm$ 0.303 χ^2 /NDF: 218827.4/17

Left: 1600.054 $\pm$ 0.210 χ^2 /NDF: 470139.7/37

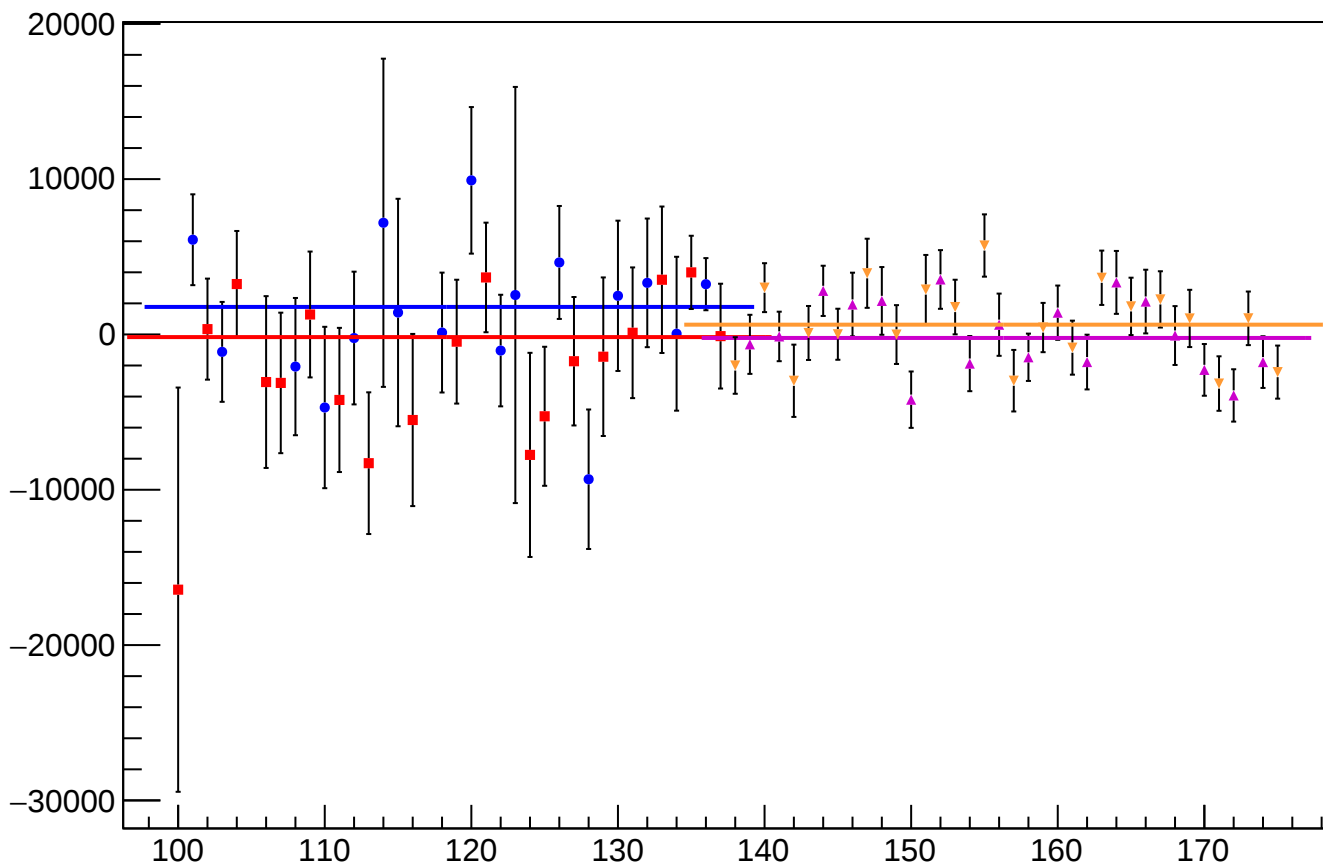
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1732.800 $\pm$ 0.275 χ^2 /NDF: 1972475.2/34

Out: 1731.189 $\pm$ 0.267 χ^2 /NDF: 2373060.5/38

All: 1731.970 $\pm$ 0.191 χ^2 /NDF: 4345553.4/73

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 629.033+/-406.515 χ^2/NDF : 33.5/19

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: -226.458+/-423.852 χ^2/NDF : 29.6/17

Left: 219.141+/-293.387 χ^2/NDF : 65.2/37

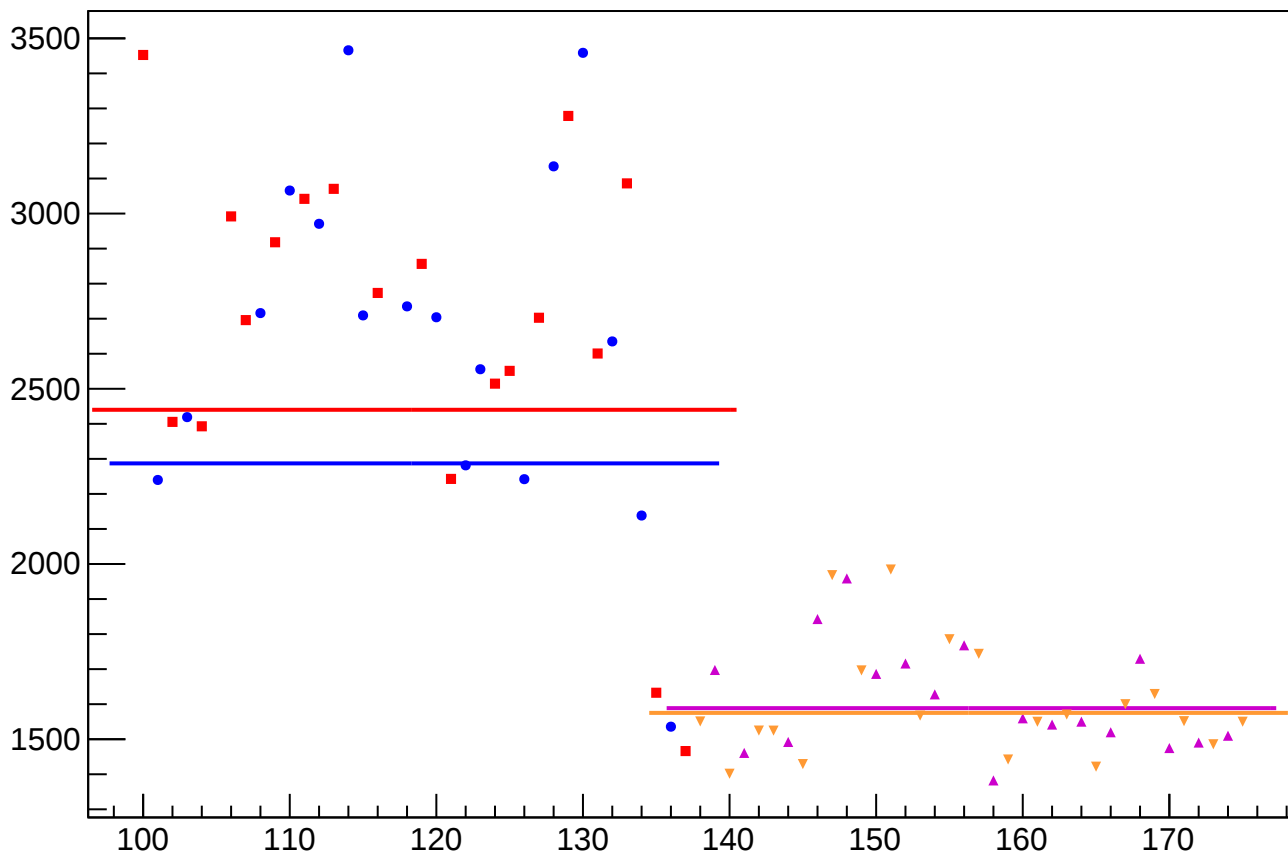
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 128.183+/-384.394 χ^2/NDF : 50.9/34

Out: 502.410+/-372.956 χ^2/NDF : 50.1/38

All: 320.947+/-267.672 χ^2/NDF : 101.5/73

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1575.145+/-0.287 χ^2/NDF : 254227.0/19

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1588.678+/-0.300 χ^2/NDF : 220199.5/17

Left: 1581.629+/-0.207 χ^2/NDF : 475488.4/37

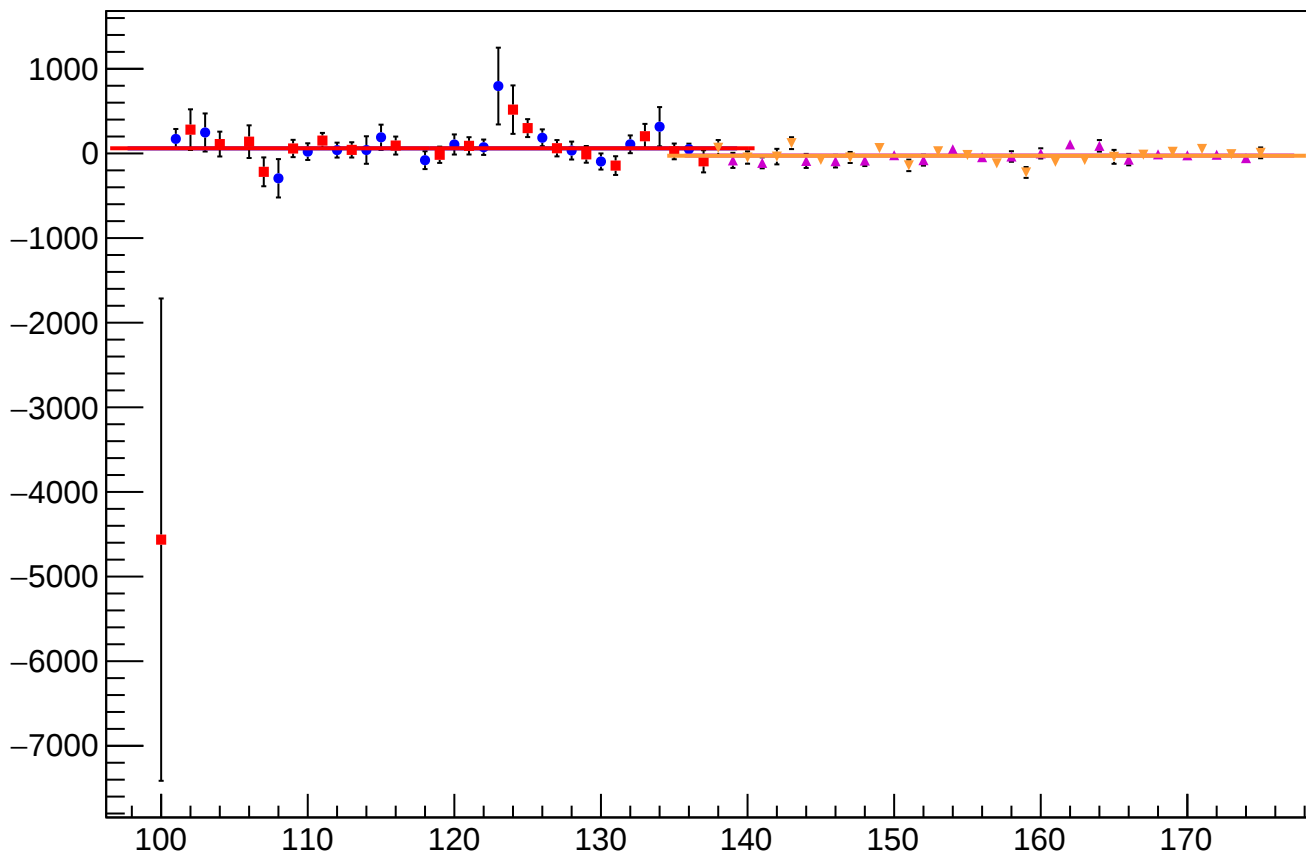
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1712.663+/-0.272 χ^2/NDF : 1983629.7/34

Out: 1712.055+/-0.264 χ^2/NDF : 2366466.3/38

All: 1712.350+/-0.189 χ^2/NDF : 4350098.6/73

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -27.150 $\pm$ 13.390 χ^2 /NDF:31.1/19

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -24.863 $\pm$ 13.915 χ^2 /NDF:16.4/17

Left: -26.051 $\pm$ 9.648 χ^2 /NDF: 47.6/37

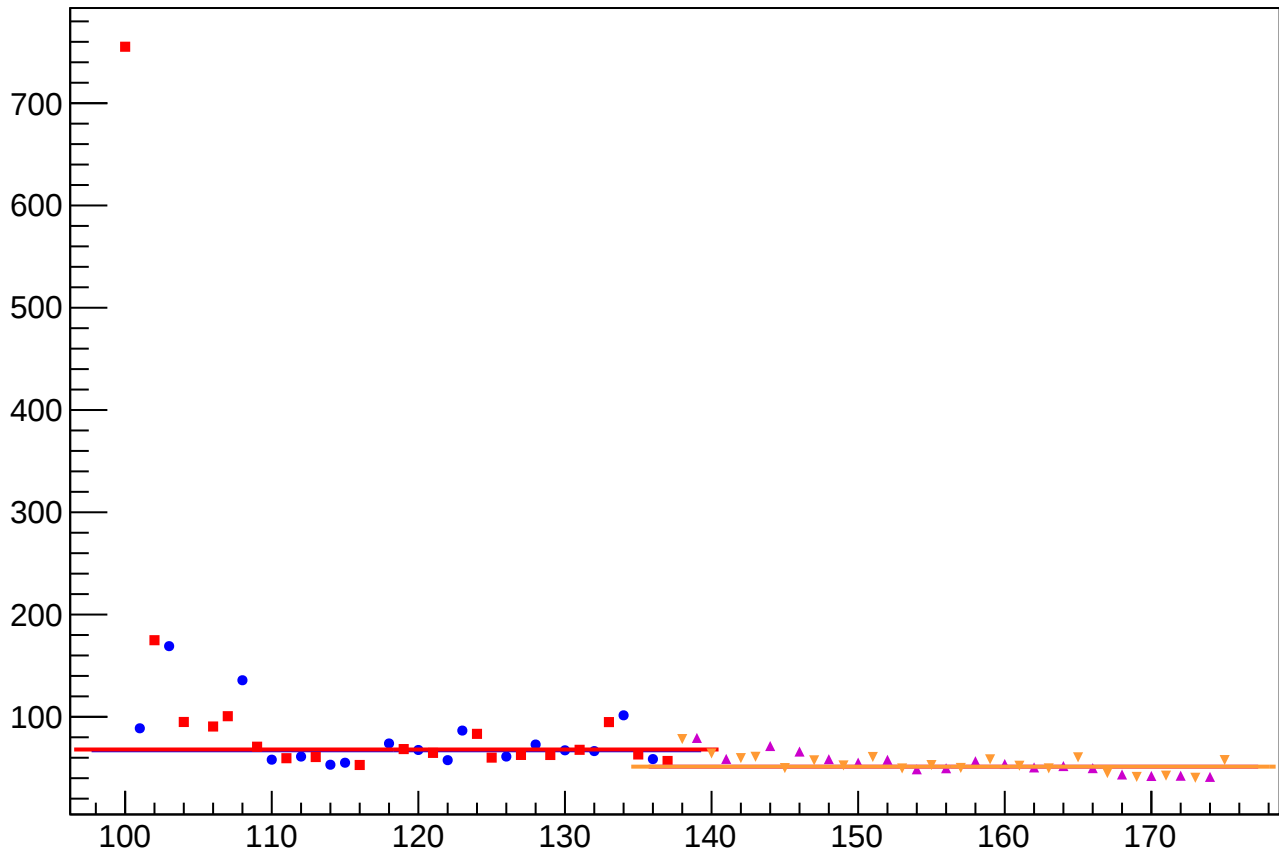
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -7.209 $\pm$ 12.376 χ^2 /NDF:39.5/34

Out: -9.763 $\pm$ 11.997 χ^2 /NDF:62.0/38

All: -8.525 $\pm$ 8.614 χ^2 /NDF: 101.5/73

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 51.289 $\pm$ 0.009 χ^2 /NDF: 722257.8/19

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 51.214 $\pm$ 0.010 χ^2 /NDF: 791148.8/17

Left: 51.253 $\pm$ 0.007 χ^2 /NDF: 1513436.4/37

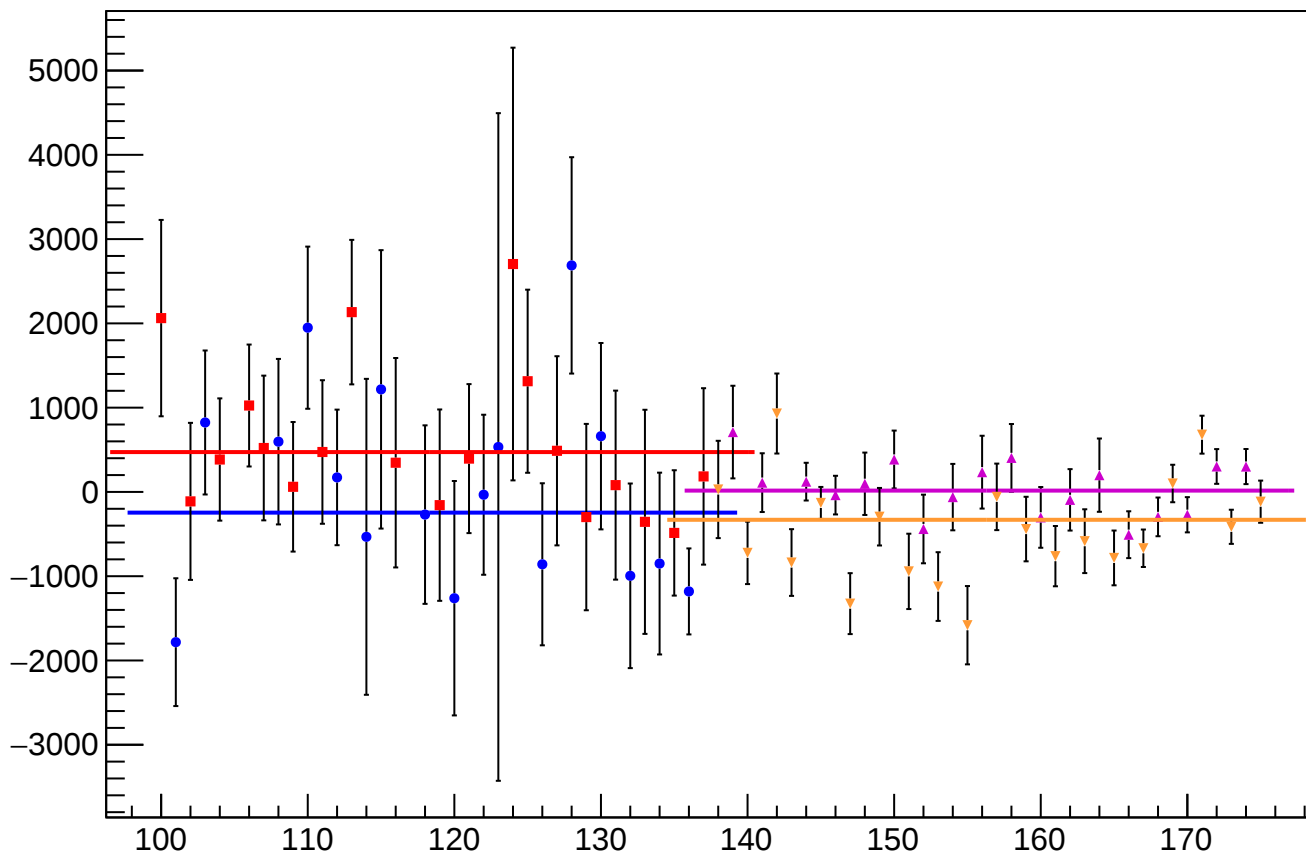
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.574 $\pm$ 0.009 χ^2 /NDF: 2190588.8/34

Out: 54.598 $\pm$ 0.008 χ^2 /NDF: 2211858.2/38

All: 54.586 $\pm$ 0.006 χ^2 /NDF: 4402450.9/73

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -330.624 ± 67.601 χ^2/NDF : 63.3/19

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 15.781 ± 68.642 χ^2/NDF : 17.8/17

Left: -160.068 ± 48.165 χ^2/NDF : 94.0/37

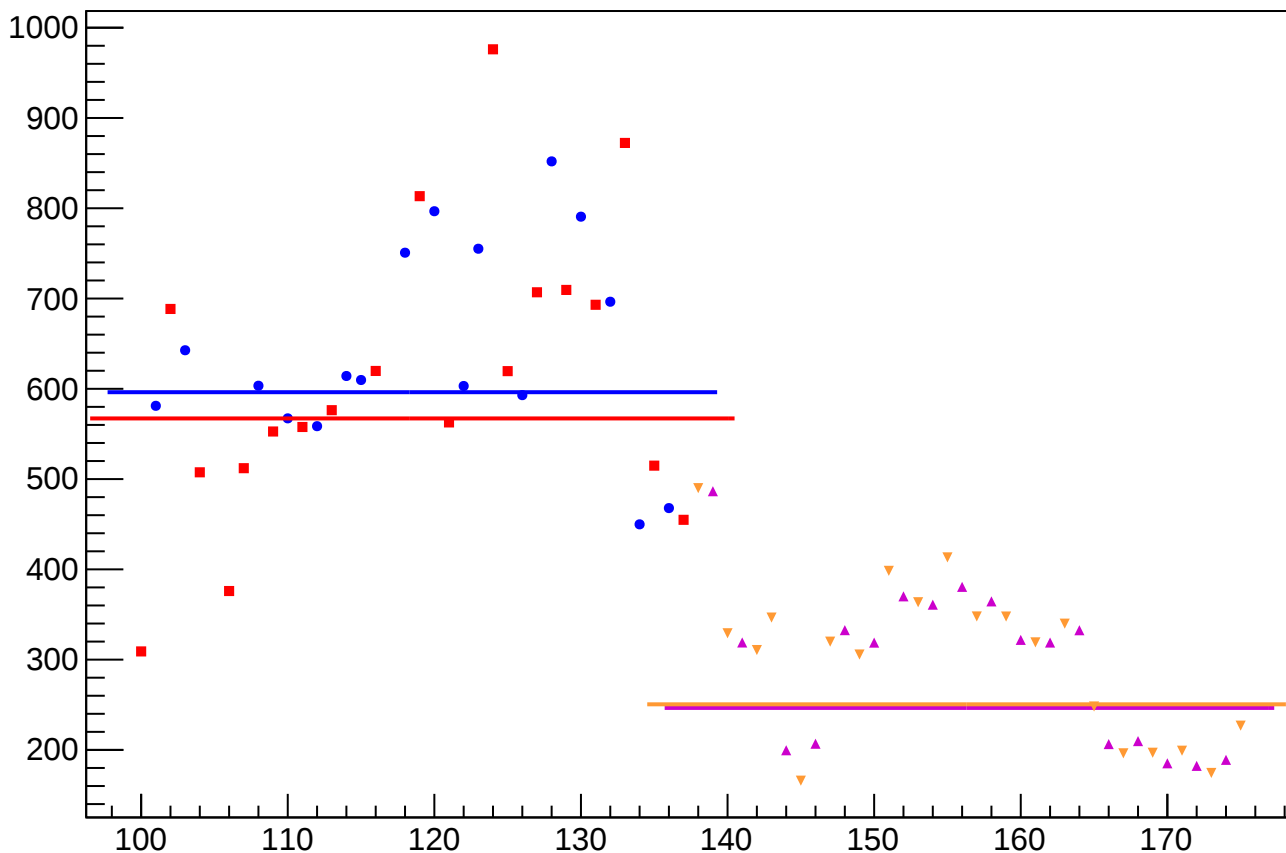
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: -4.704 ± 65.898 χ^2/NDF : 42.6/34

Out: -260.622 ± 64.589 χ^2/NDF : 86.9/38

All: -135.229 ± 46.127 χ^2/NDF : 137.3/73

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 250.503+/-0.048 χ^2/NDF : 2800816.3/19

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 246.523+/-0.049 χ^2/NDF : 2387264.7/17

Left: 248.544+/-0.034 χ^2/NDF : 5191494.3/37

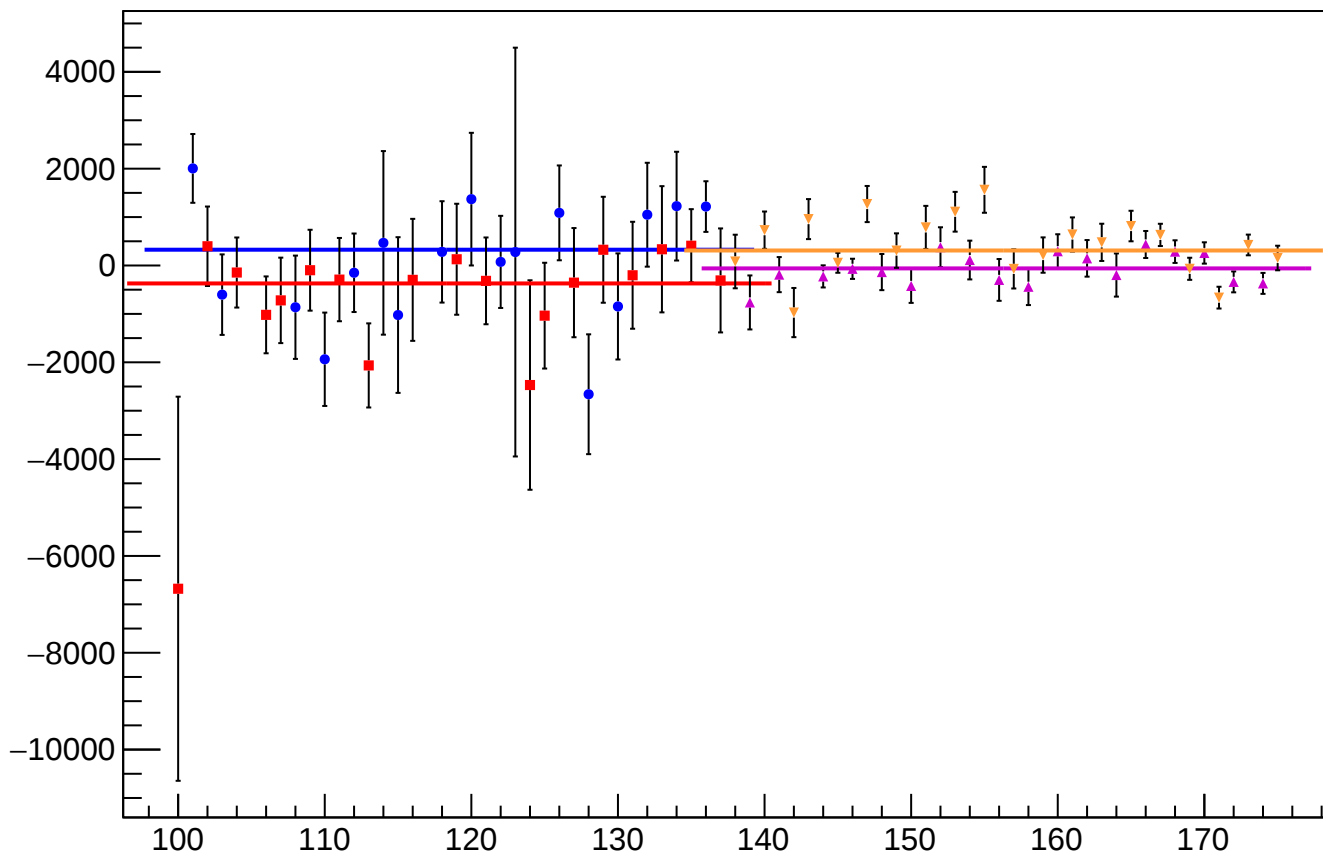
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 273.929+/-0.047 χ^2/NDF : 6877674.9/34

Out: 278.093+/-0.046 χ^2/NDF : 7299862.7/38

All: 276.053+/-0.033 χ^2/NDF : 14181610.7/73

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 309.840 $\pm$ 69.407 χ^2/NDF : 58.9/19

Right Out: -370.721 $\pm$ 224.892 χ^2/NDF : 11.5/18

Left In: -60.130 $\pm$ 69.410 χ^2/NDF : 18.5/17

Left: 124.863 $\pm$ 49.079 χ^2/NDF : 91.7/37

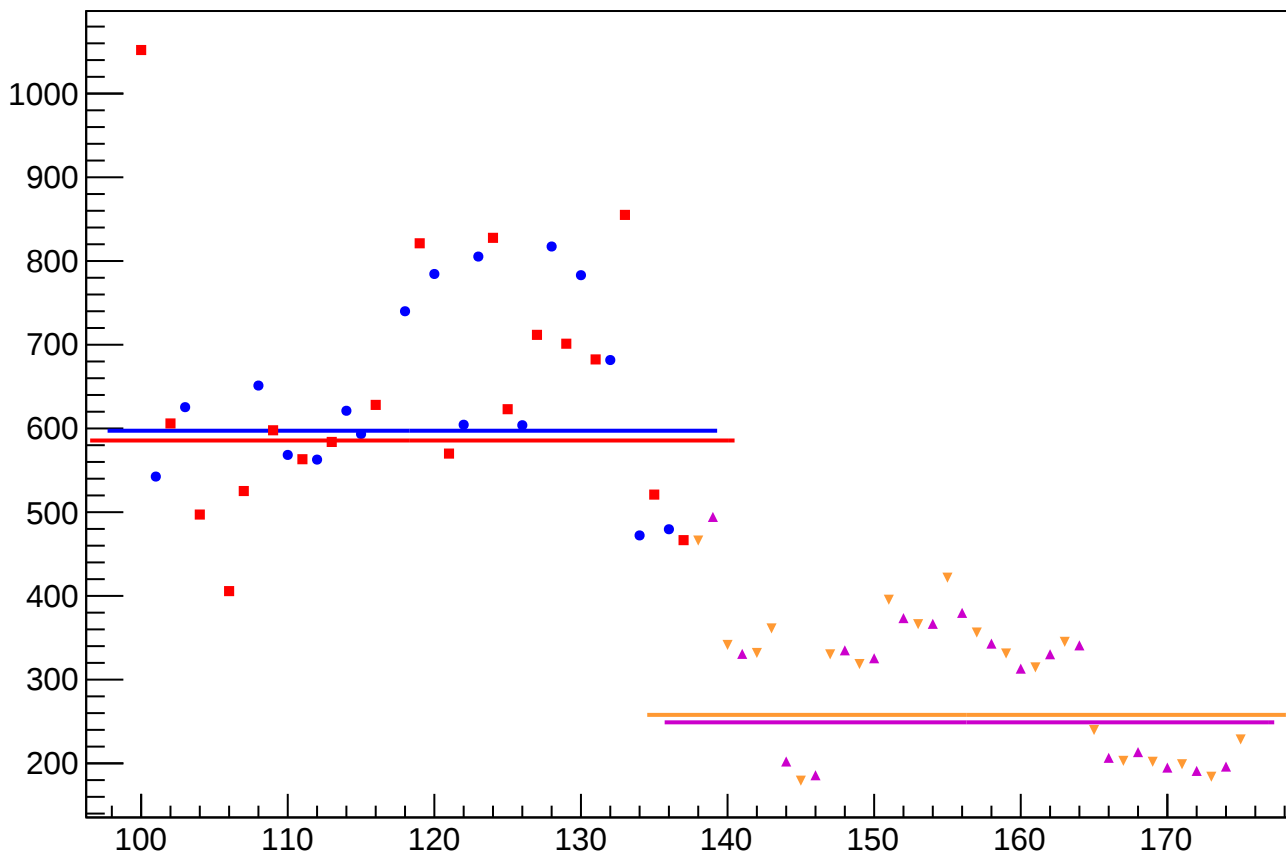
Right: -38.515 $\pm$ 162.676 χ^2/NDF : 43.0/35

In: -29.286 $\pm$ 66.581 χ^2/NDF : 47.9/34

Out: 250.655 $\pm$ 66.320 χ^2/NDF : 78.8/38

All: 111.233 $\pm$ 46.987 χ^2/NDF : 135.6/73

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 ± 0.167 χ^2/NDF : 363658.5/16

Left Out: 257.901 ± 0.049 χ^2/NDF : 2536105.7/19

Right Out: 585.615 ± 0.159 χ^2/NDF : 474610.2/18

Left In: 248.986 ± 0.049 χ^2/NDF : 2342048.8/17

Left: 253.444 ± 0.035 χ^2/NDF : 4894652.8/37

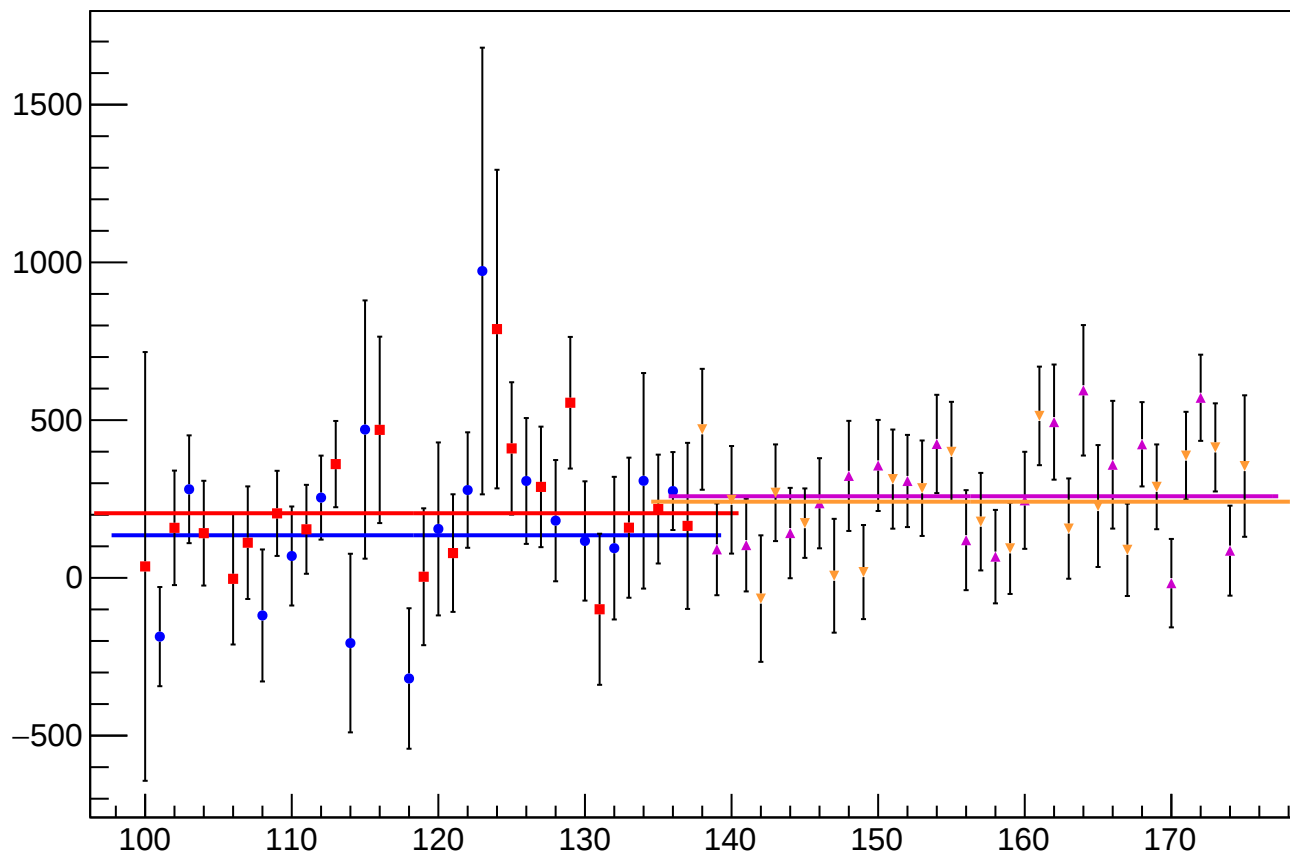
Right: 591.185 ± 0.115 χ^2/NDF : 840841.8/35

In: 276.803 ± 0.047 χ^2/NDF : 6727980.1/34

Out: 286.401 ± 0.047 χ^2/NDF : 6888290.1/38

All: 281.621 ± 0.033 χ^2/NDF : 13637130.3/73

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 241.505 ± 34.641 $\chi^2/\text{NDF}: 18.0/19$

Right Out: 204.866 ± 44.440 $\chi^2/\text{NDF}: 12.1/18$

Left In: 258.717 ± 35.912 $\chi^2/\text{NDF}: 24.0/17$

Left: 249.801 ± 24.932 $\chi^2/\text{NDF}: 42.2/37$

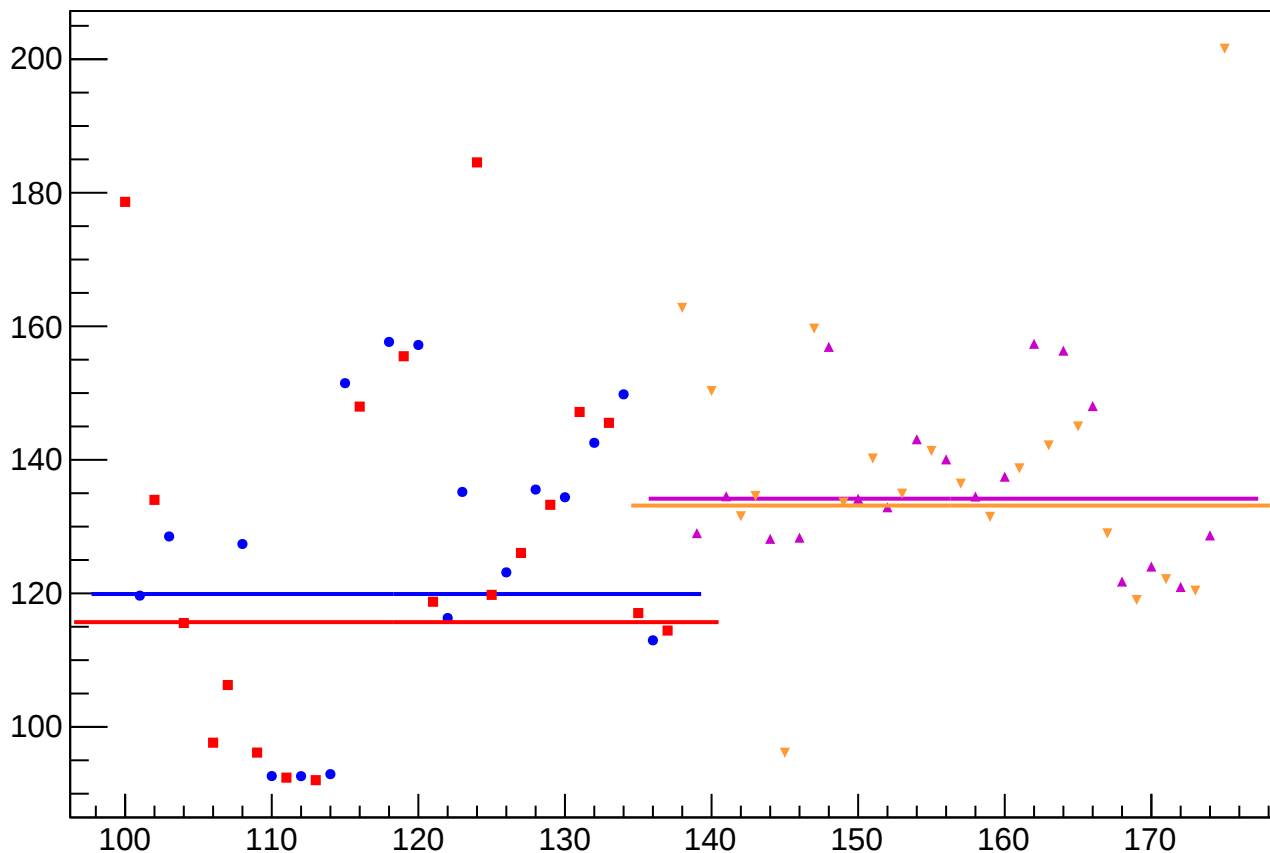
Right: 171.919 ± 32.299 $\chi^2/\text{NDF}: 31.3/35$

In: 213.153 ± 28.541 $\chi^2/\text{NDF}: 46.4/34$

Out: 227.657 ± 27.321 $\chi^2/\text{NDF}: 30.5/38$

All: 220.722 ± 19.736 $\chi^2/\text{NDF}: 77.1/73$

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 133.154 $\pm$ 0.024 χ^2 /NDF: 604251.9/19

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 134.180 $\pm$ 0.025 χ^2 /NDF: 167909.9/17

Left: 133.648 $\pm$ 0.018 χ^2 /NDF: 773007.3/37

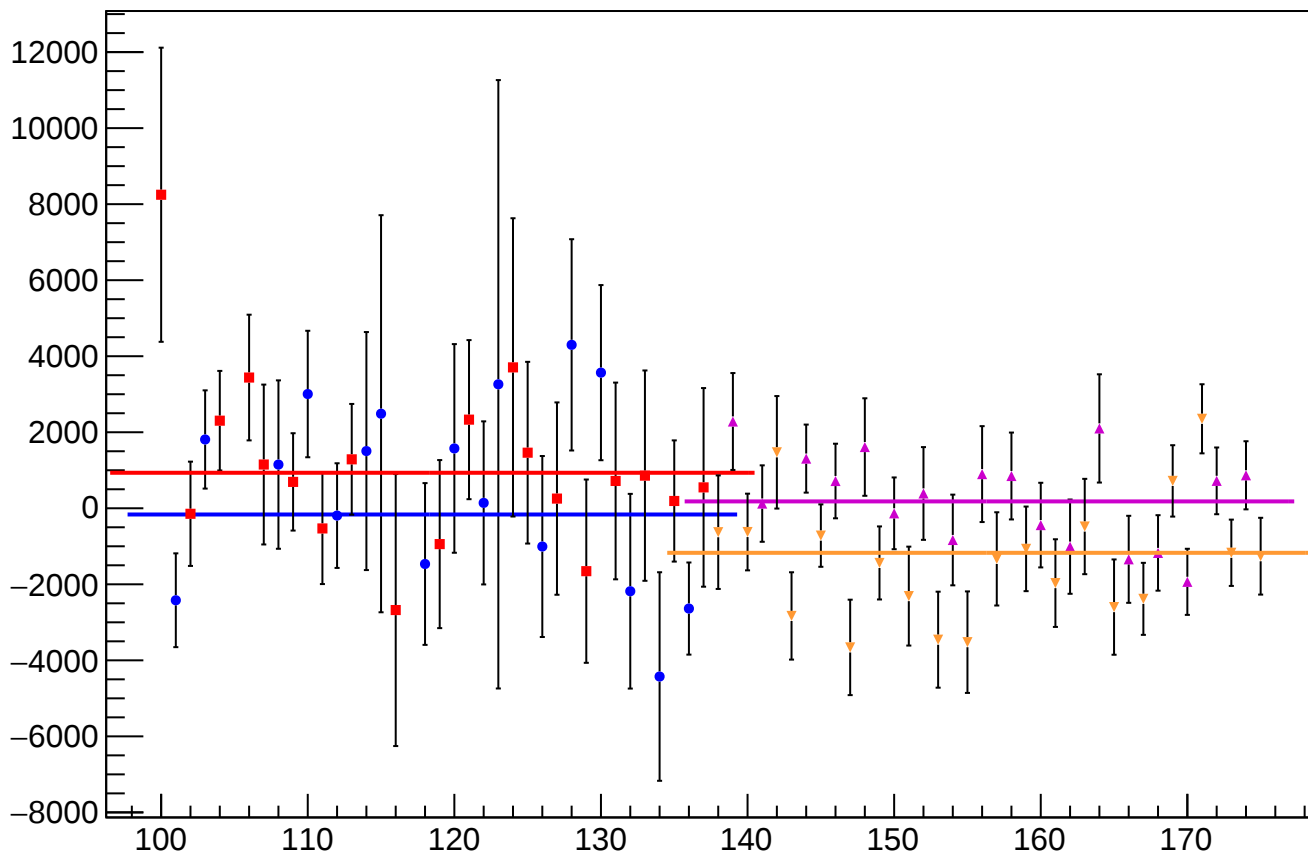
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 128.921 $\pm$ 0.020 χ^2 /NDF: 629850.0/34

Out: 126.554 $\pm$ 0.019 χ^2 /NDF: 1231650.2/38

All: 127.686 $\pm$ 0.014 χ^2 /NDF: 1868675.5/73

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1171.722 $\pm$ 243.412 χ^2 /NDF:40.0/19

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 180.660 $\pm$ 250.116 χ^2 /NDF:21.0/17

Left: -513.897 $\pm$ 174.440 χ^2 /NDF: 76.0/37

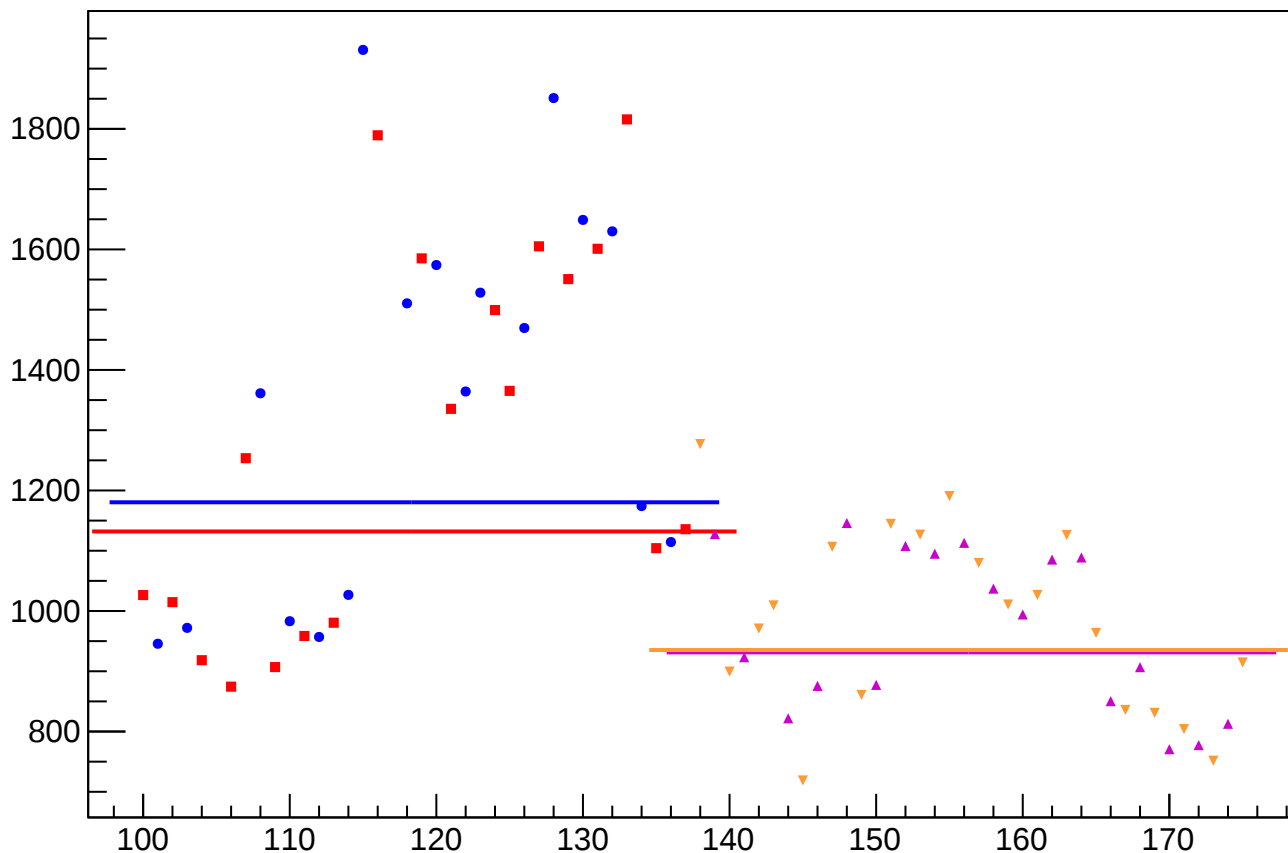
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 104.594 $\pm$ 220.755 χ^2 /NDF:45.1/34

Out: -674.236 $\pm$ 212.724 χ^2 /NDF:70.6/38

All: -299.246 $\pm$ 153.179 χ^2 /NDF: 122.1/73

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 935.241+/-0.172 χ^2/NDF : 750994.5/19

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 931.338+/-0.177 χ^2/NDF : 522310.8/17

Left: 933.343+/-0.123 χ^2/NDF : 1273555.3/37

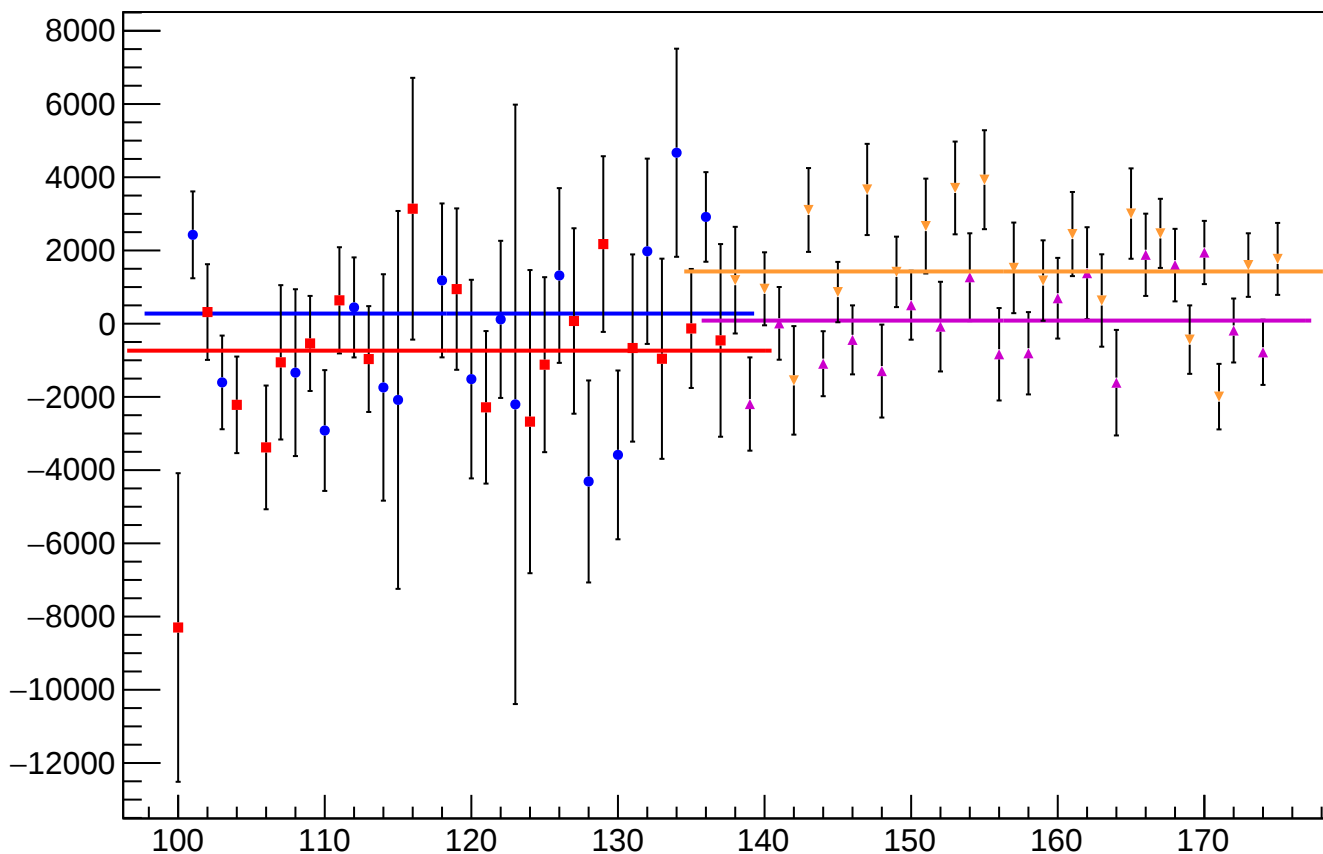
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 986.380+/-0.156 χ^2/NDF : 1629439.1/34

Out: 981.721+/-0.150 χ^2/NDF : 1821574.2/38

All: 983.964+/-0.108 χ^2/NDF : 3451475.2/73

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1426.593 $\pm$ 242.138 χ^2 /NDF:40.5/19

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: 84.590 $\pm$ 248.341 χ^2 /NDF:22.1/17

Left: 772.559 $\pm$ 173.369 χ^2 /NDF: 77.7/37

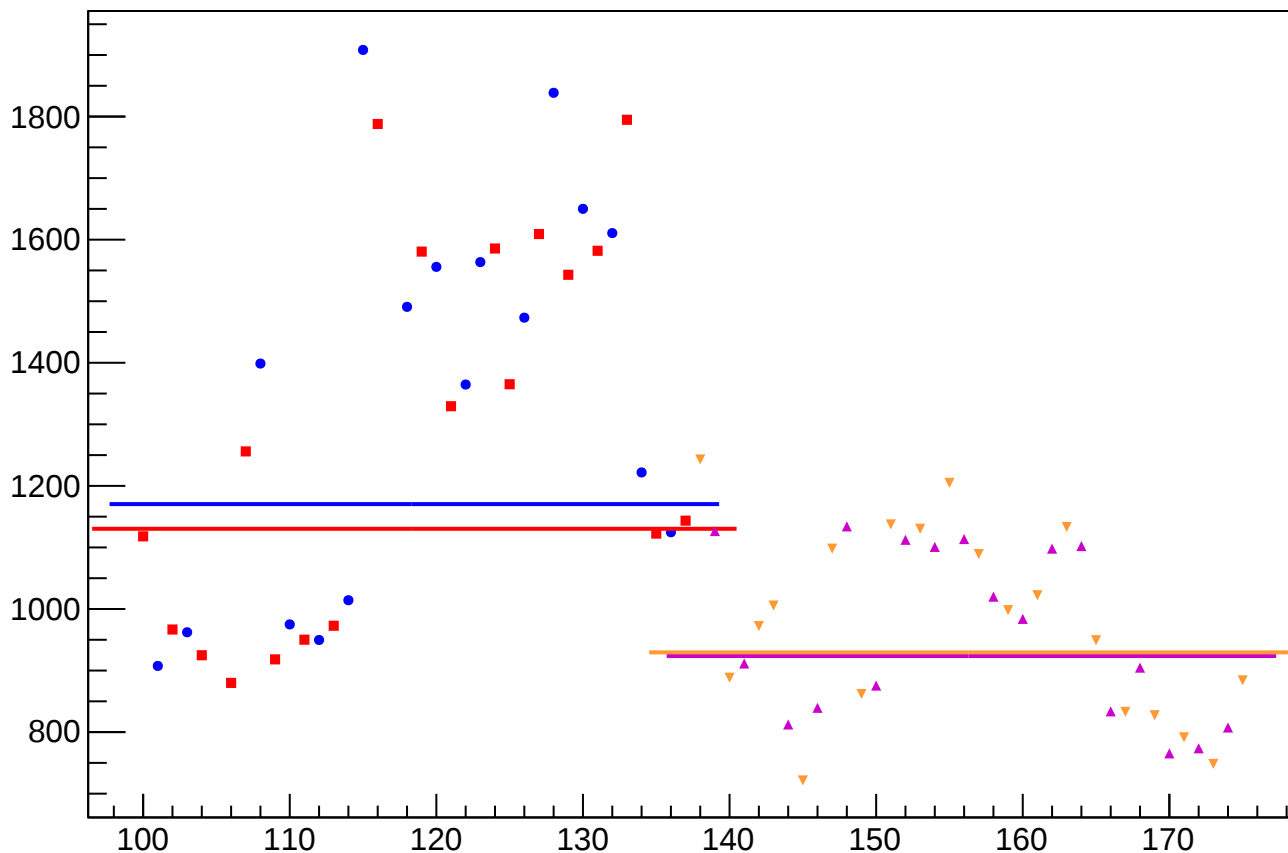
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: 126.960 $\pm$ 219.206 χ^2 /NDF:46.6/34

Out: 919.221 $\pm$ 211.850 χ^2 /NDF:72.1/38

All: 536.608 $\pm$ 152.335 χ^2 /NDF: 125.5/73

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 929.546 $\pm$ 0.171 χ^2 /NDF:755647.7/19

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 923.582 $\pm$ 0.176 χ^2 /NDF:558687.9/17

Left: 926.639 $\pm$ 0.123 χ^2 /NDF: 1314927.0/37

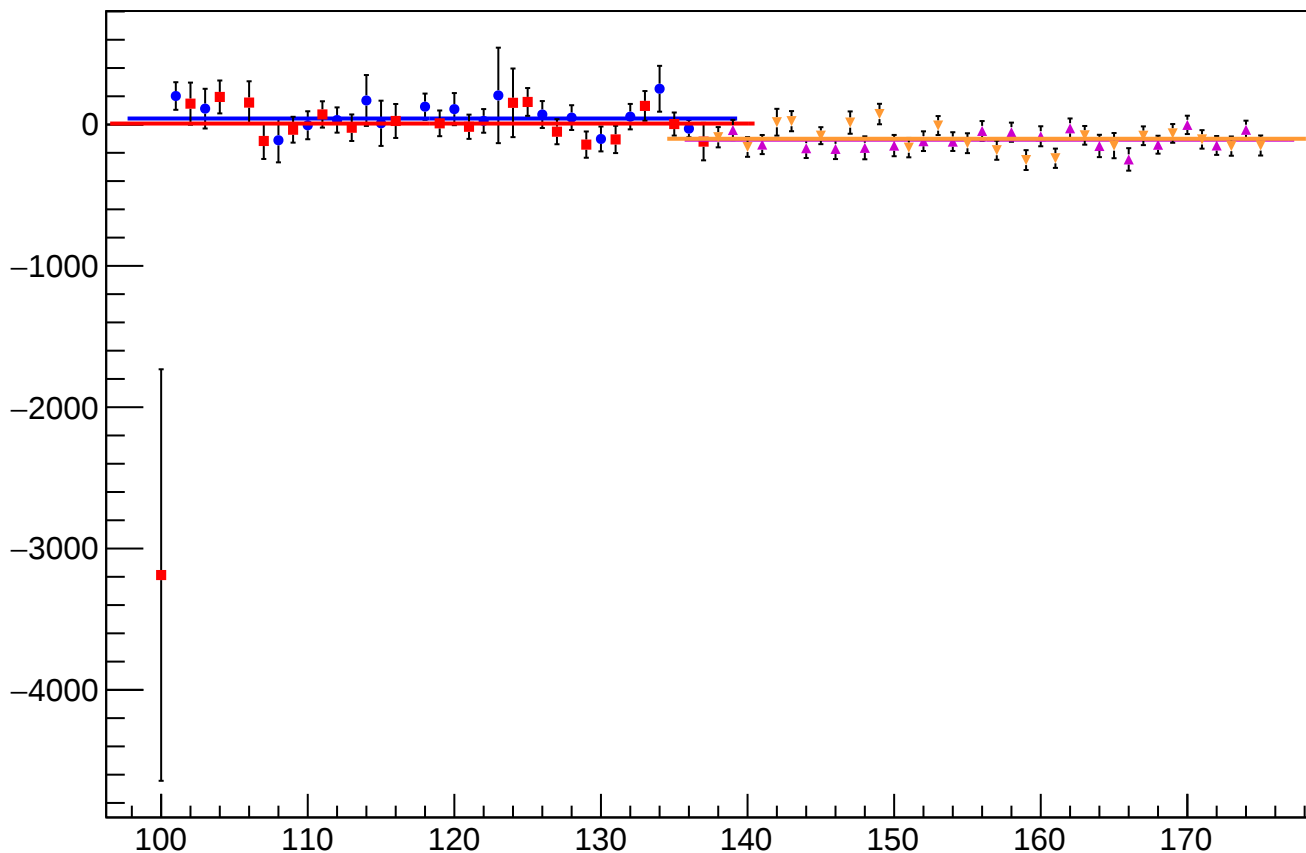
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 978.098 $\pm$ 0.155 χ^2 /NDF:1700535.3/34

Out: 976.635 $\pm$ 0.150 χ^2 /NDF:1841189.6/38

All: 977.341 $\pm$ 0.108 χ^2 /NDF: 3541771.0/73

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -100.604 ± 15.680 $\chi^2/\text{NDF}: 28.4/19$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -107.125 ± 16.492 $\chi^2/\text{NDF}: 14.4/17$

Left: -103.700 ± 11.364 $\chi^2/\text{NDF}: 42.8/37$

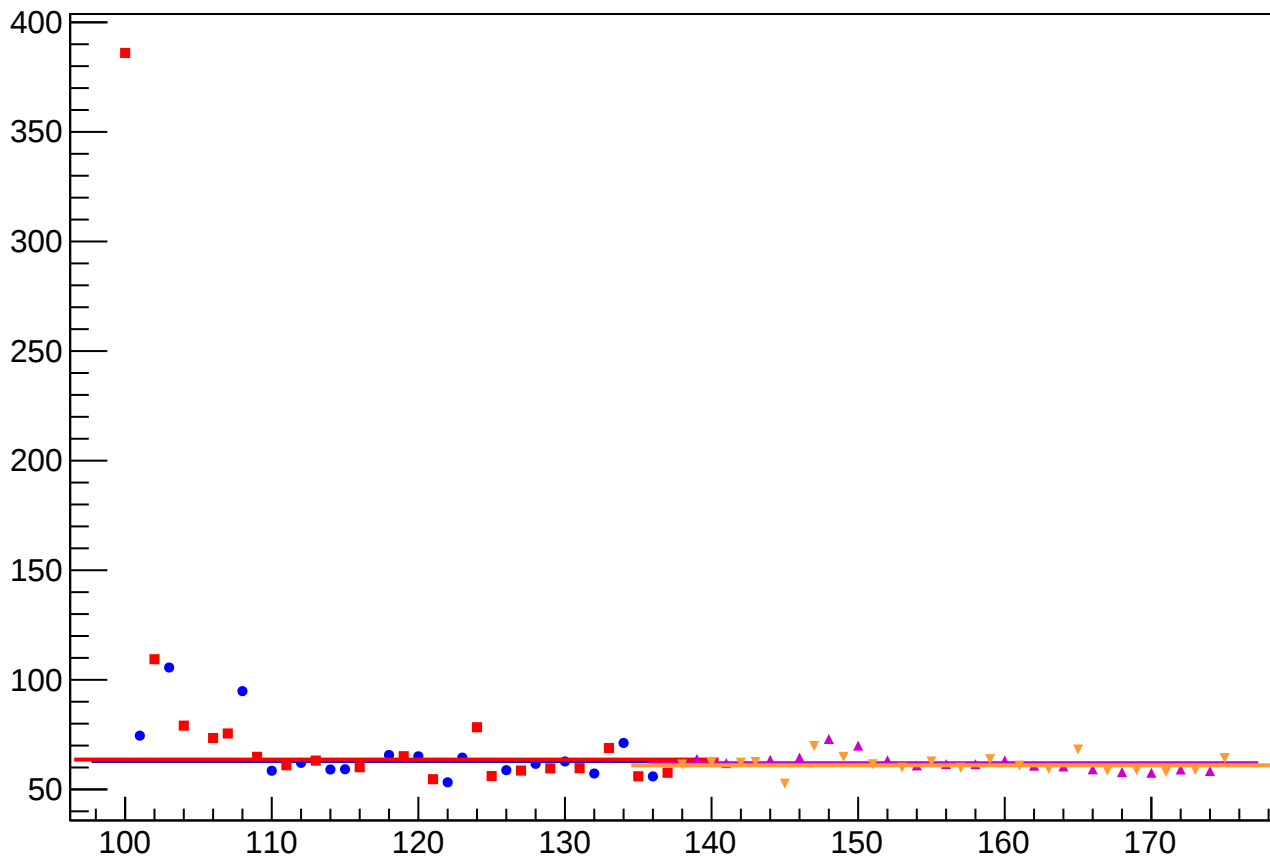
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -60.937 ± 13.716 $\chi^2/\text{NDF}: 51.8/34$

Out: -69.290 ± 13.205 $\chi^2/\text{NDF}: 62.7/38$

All: -65.272 ± 9.513 $\chi^2/\text{NDF}: 114.7/73$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 60.994 $\pm$ 0.011 χ^2 /NDF: 106857.6/19

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 61.958 $\pm$ 0.012 χ^2 /NDF: 97415.2/17

Left: 61.452 $\pm$ 0.008 χ^2 /NDF: 207866.2/37

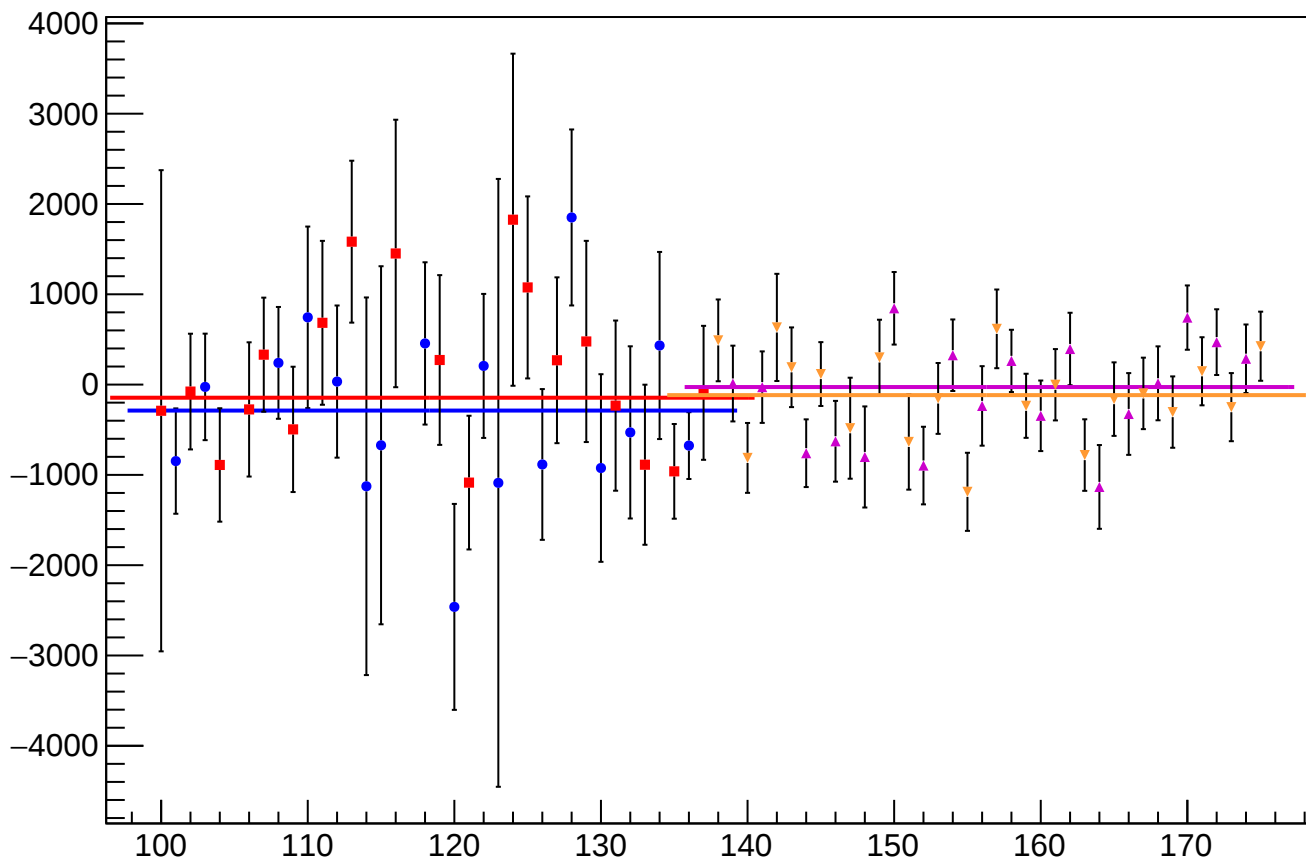
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.273 $\pm$ 0.010 χ^2 /NDF: 475045.4/34

Out: 61.756 $\pm$ 0.009 χ^2 /NDF: 556638.1/38

All: 62.005 $\pm$ 0.007 χ^2 /NDF: 1033163.2/73

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2/NDF : 15.4/16

Left Out: -116.655 $\pm$ 92.217 χ^2/NDF : 24.8/19

Right Out: -145.341 $\pm$ 187.312 χ^2/NDF : 16.1/18

Left In: -27.140 $\pm$ 95.532 χ^2/NDF : 33.2/17

Left: -73.477 $\pm$ 66.348 χ^2/NDF : 58.4/37

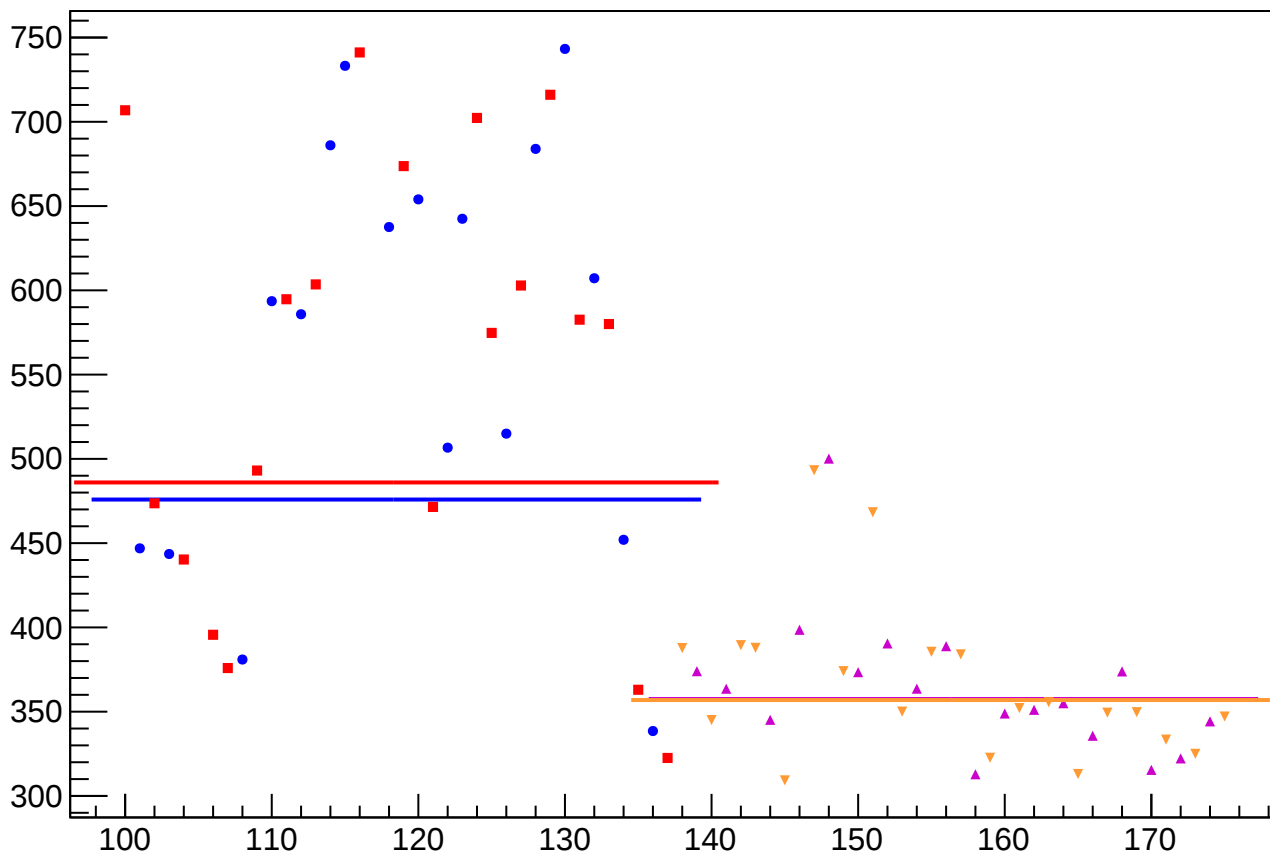
Right: -215.540 $\pm$ 133.351 χ^2/NDF : 31.7/35

In: -79.765 $\pm$ 85.340 χ^2/NDF : 50.0/34

Out: -122.251 $\pm$ 82.734 χ^2/NDF : 40.9/38

All: -101.666 $\pm$ 59.402 χ^2/NDF : 91.0/73

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 356.905+/-0.065 χ^2/NDF : 358542.2/19

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 357.528+/-0.068 χ^2/NDF : 270042.3/17

Left: 357.205+/-0.047 χ^2/NDF : 628628.5/37

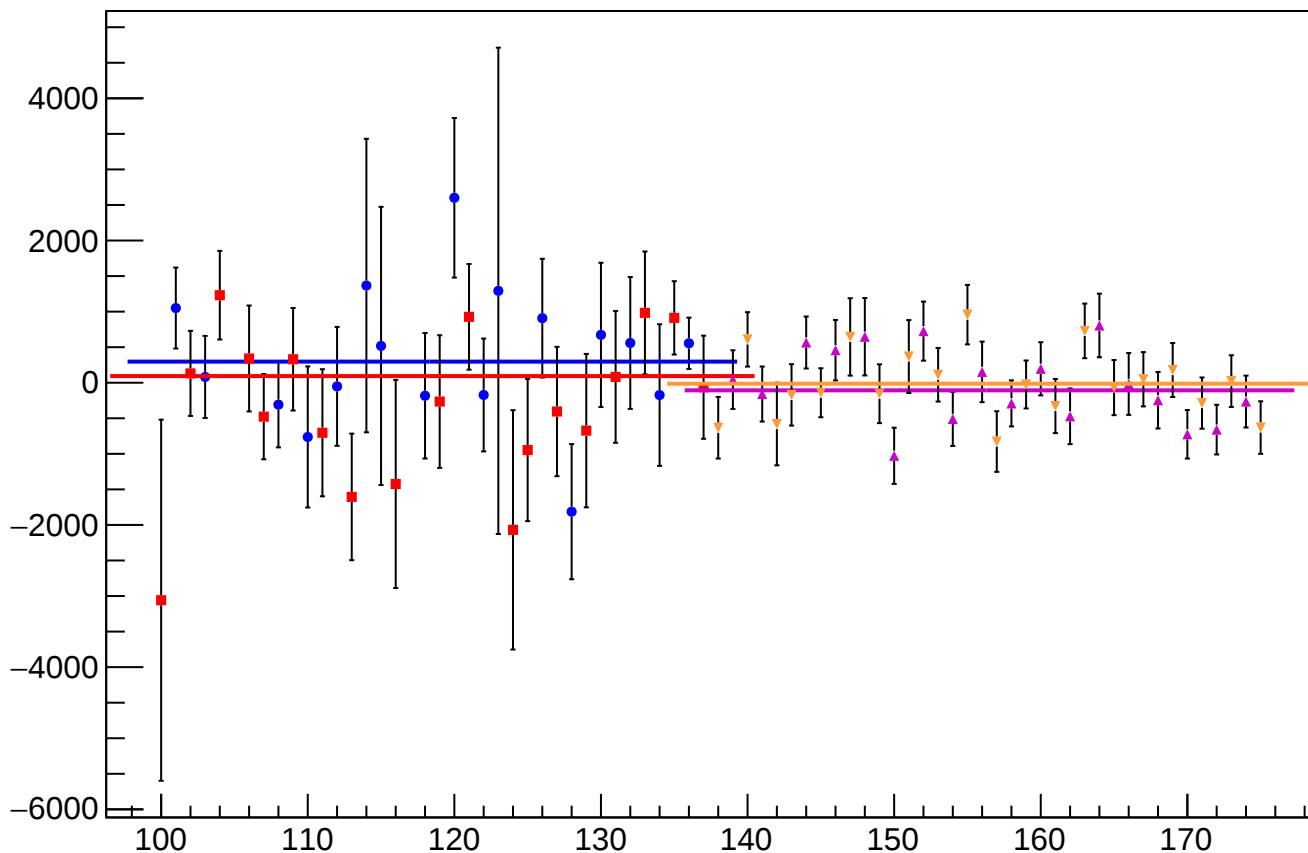
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 381.431+/-0.060 χ^2/NDF : 1727763.9/34

Out: 382.092+/-0.059 χ^2/NDF : 1853447.8/38

All: 381.772+/-0.042 χ^2/NDF : 3581273.6/73

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -13.654 $\pm$ 89.200 χ^2 /NDF:25.3/19

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: -106.929 $\pm$ 92.181 χ^2 /NDF:30.3/17

Left: -58.759 $\pm$ 64.102 χ^2 /NDF: 56.1/37

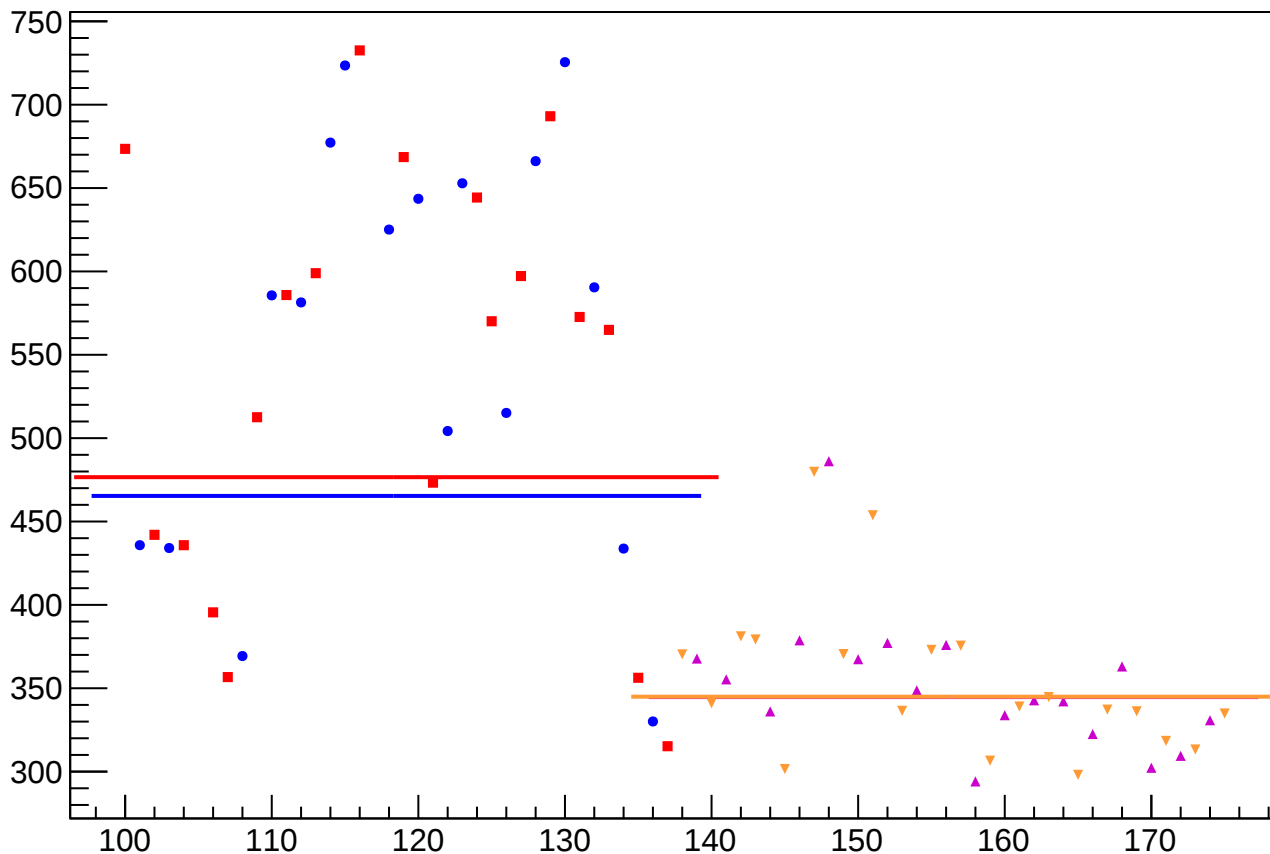
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: -27.267 $\pm$ 82.592 χ^2 /NDF:49.9/34

Out: 6.756 $\pm$ 80.258 χ^2 /NDF:45.6/38

All: -9.768 $\pm$ 57.558 χ^2 /NDF: 95.7/73

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 344.934 $\pm$ 0.063 χ^2/NDF : 385055.6/19

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 344.694 $\pm$ 0.065 χ^2/NDF : 300756.6/17

Left: 344.818 $\pm$ 0.045 χ^2/NDF : 685819.2/37

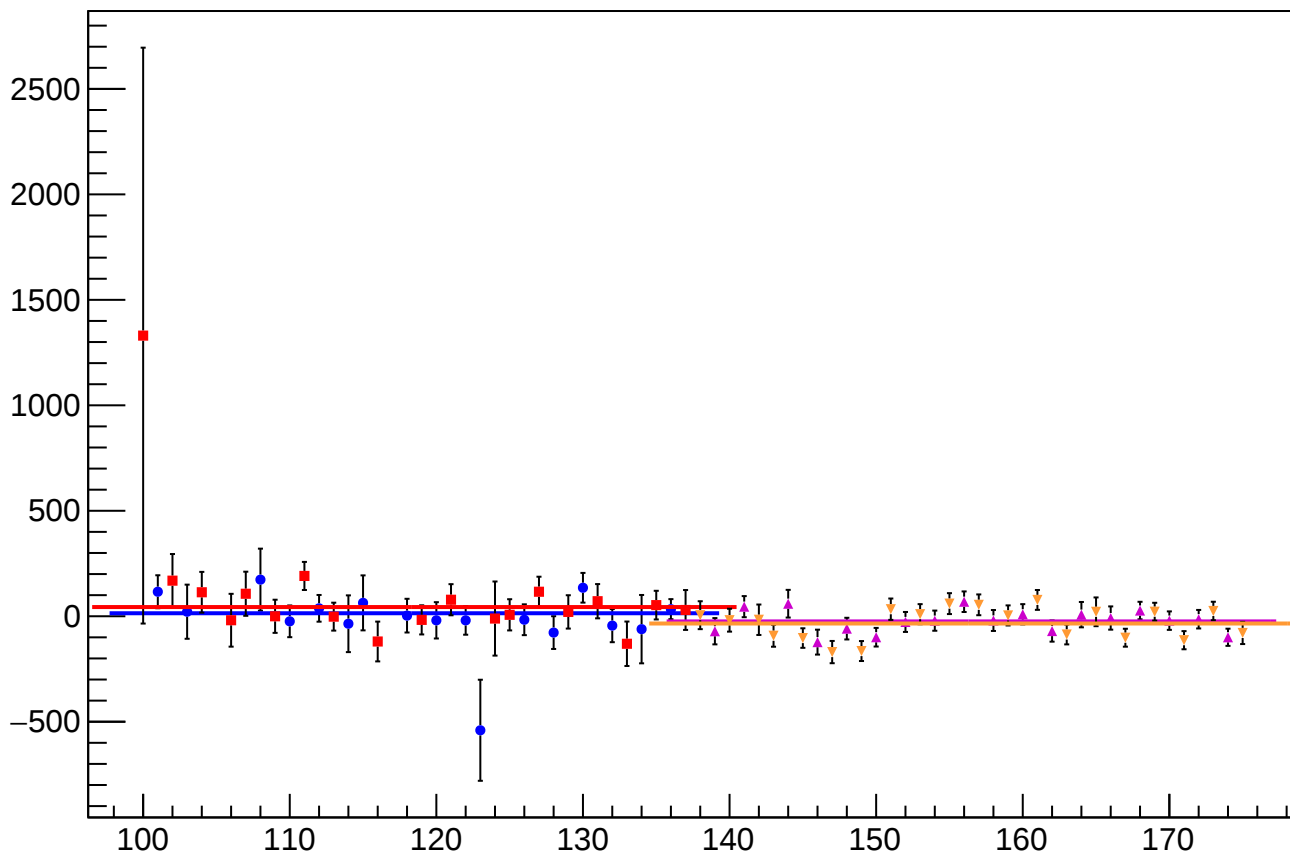
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 368.492 $\pm$ 0.058 χ^2/NDF : 1837028.2/34

Out: 370.007 $\pm$ 0.057 χ^2/NDF : 1967788.3/38

All: 369.271 $\pm$ 0.041 χ^2/NDF : 3805162.8/73

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -34.401+/-11.077 χ^2/NDF :46.1/19

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: -24.456+/-11.594 χ^2/NDF :20.6/17

Left: -29.655+/-8.009 χ^2/NDF : 67.1/37

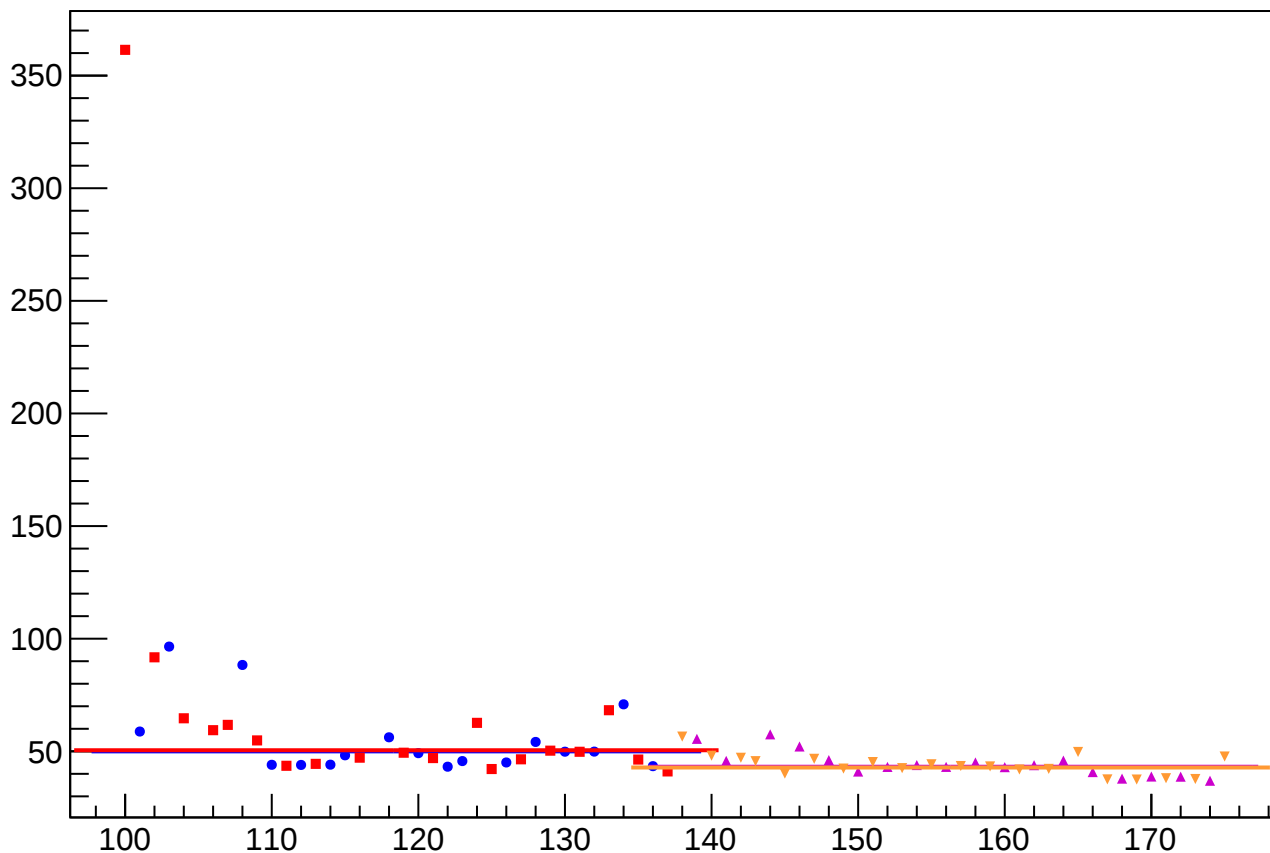
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: -14.622+/-10.014 χ^2/NDF :38.3/34

Out: -15.587+/-9.649 χ^2/NDF :75.1/38

All: -15.122+/-6.948 χ^2/NDF : 113.3/73

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 42.811 $\pm$ 0.008 χ^2/NDF : 295523.9/19

Right Out: 50.472 $\pm$ 0.014 χ^2/NDF : 571294.5/18

Left In: 43.151 $\pm$ 0.008 χ^2/NDF : 368644.3/17

Left: 42.973 $\pm$ 0.006 χ^2/NDF : 665068.8/37

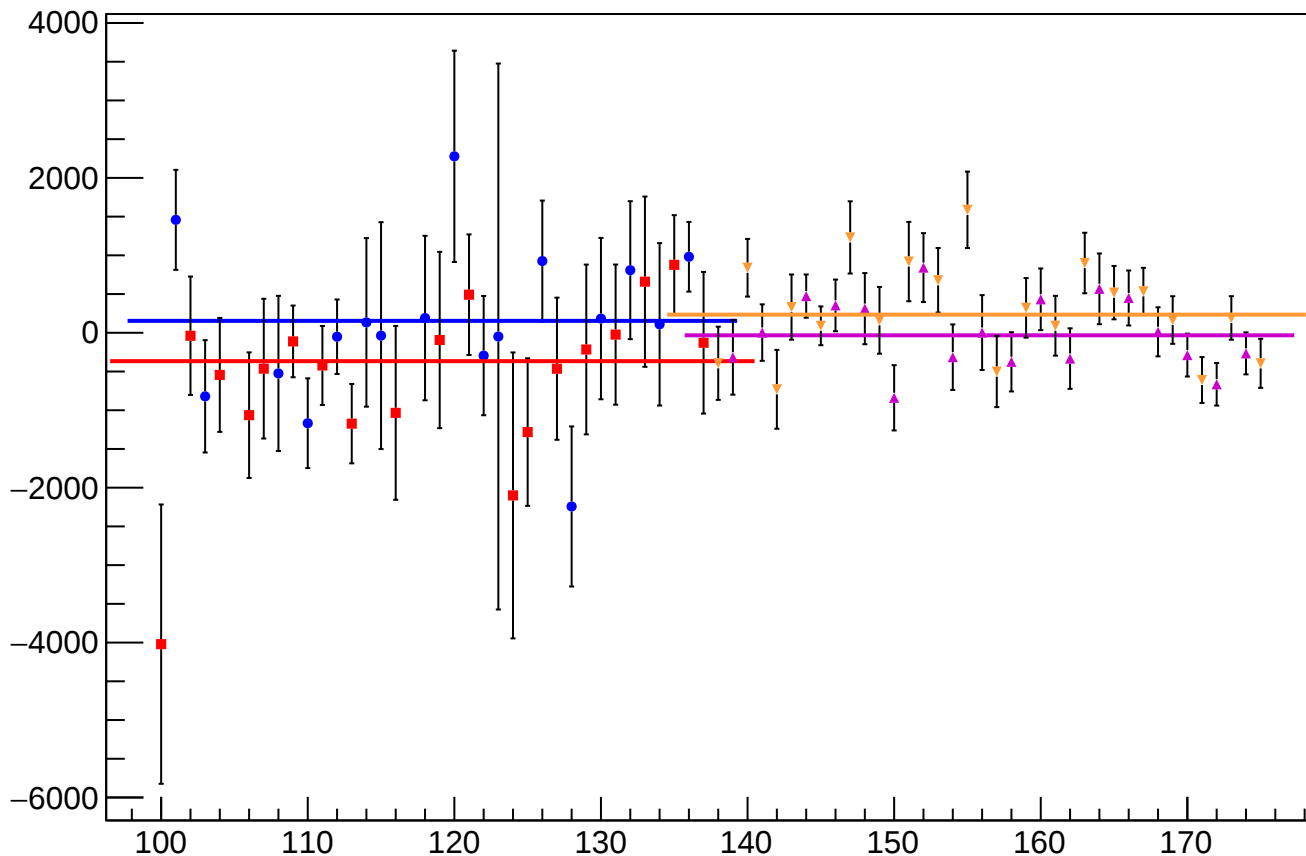
Right: 50.225 $\pm$ 0.010 χ^2/NDF : 1150683.7/35

In: 44.884 $\pm$ 0.007 χ^2/NDF : 1123310.6/34

Out: 44.659 $\pm$ 0.007 χ^2/NDF : 1097582.7/38

All: 44.767 $\pm$ 0.005 χ^2/NDF : 2221419.4/73

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 234.257 $\pm$ 81.800 χ^2 /NDF:42.9/19

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: -32.470 $\pm$ 84.146 χ^2 /NDF:26.8/17

Left: 104.663 $\pm$ 58.653 χ^2 /NDF: 74.8/37

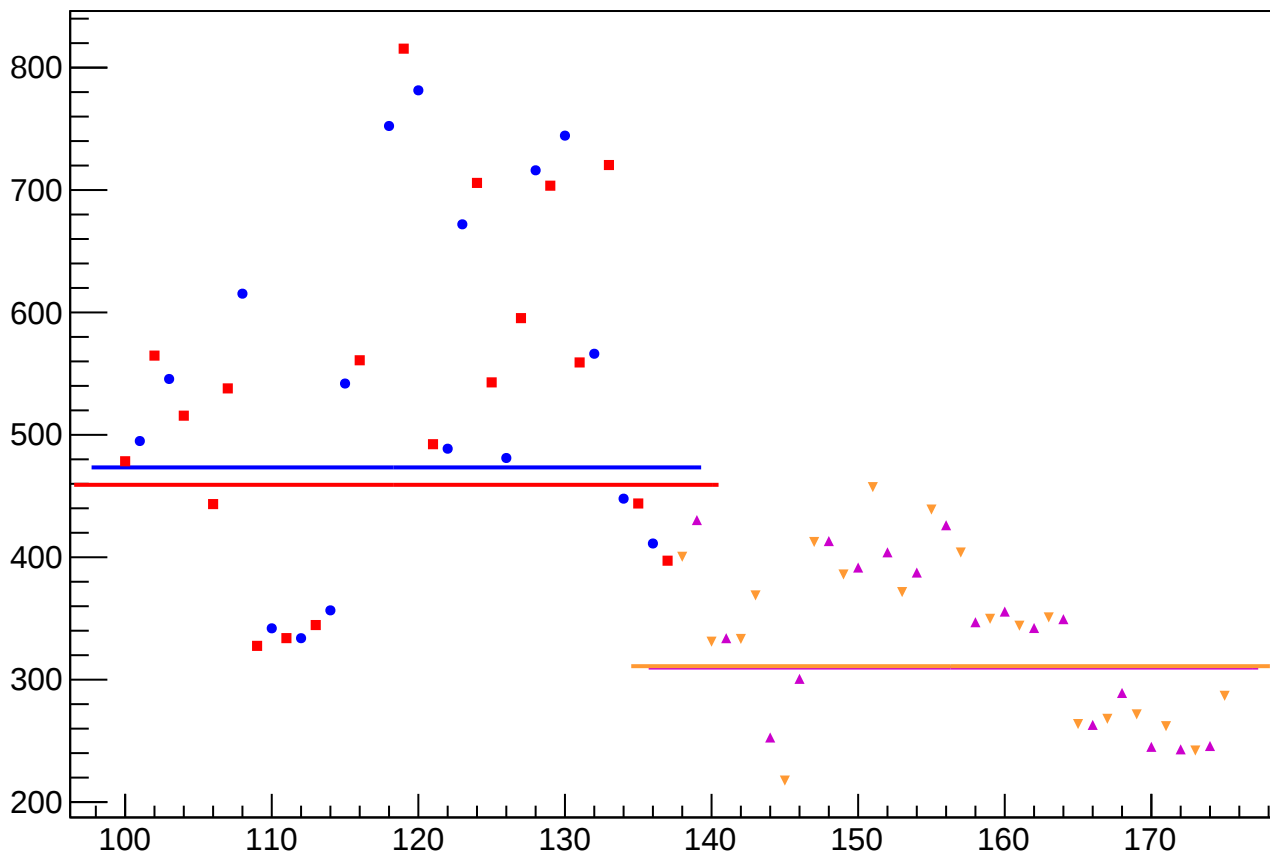
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: -1.910 $\pm$ 76.936 χ^2 /NDF:52.4/34

Out: 130.422 $\pm$ 74.393 χ^2 /NDF:68.4/38

All: 66.479 $\pm$ 53.480 χ^2 /NDF: 122.3/73

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 311.026 $\pm$ 0.058 χ^2 /NDF:1326822.8/19

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 309.892 $\pm$ 0.059 χ^2 /NDF:1124263.2/17

Left: 310.475 $\pm$ 0.041 χ^2 /NDF: 2451272.6/37

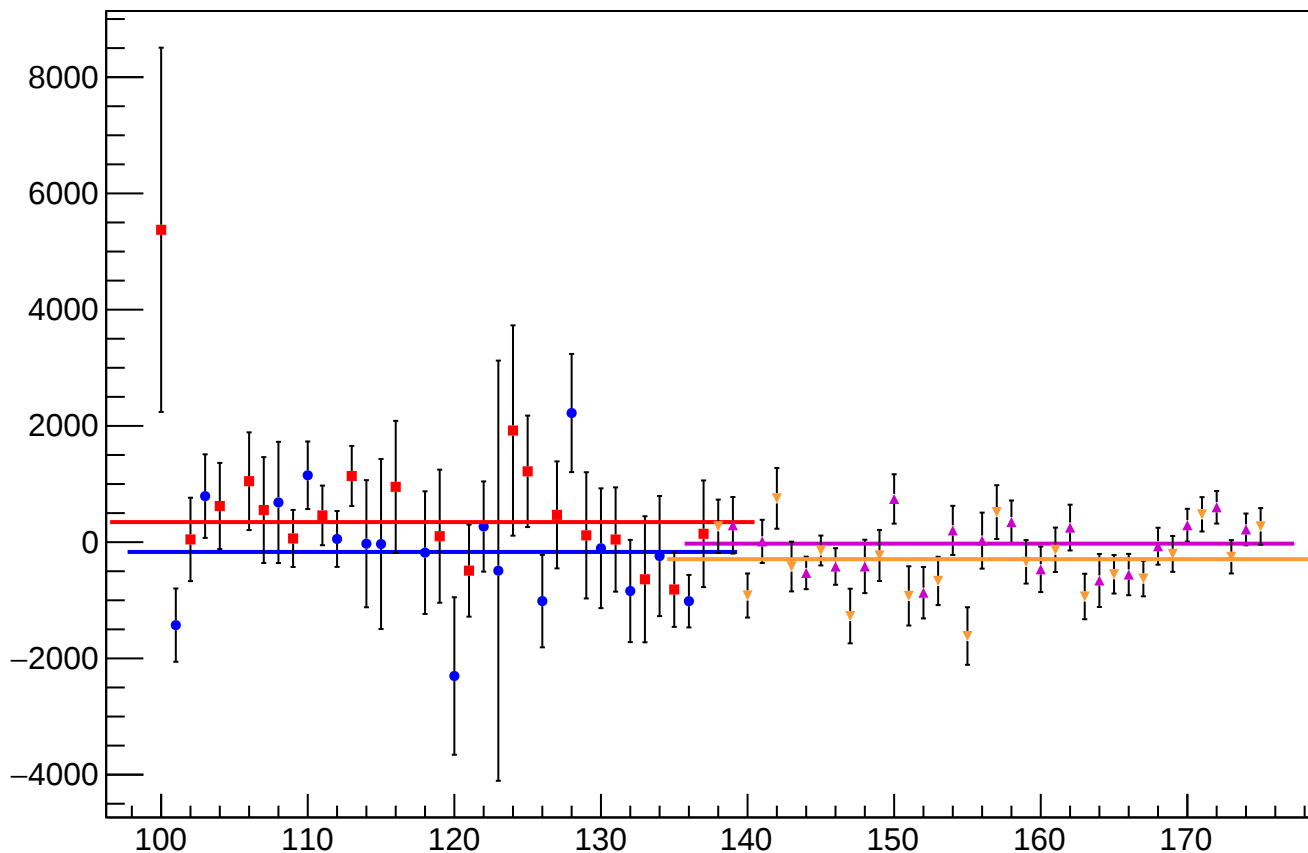
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 336.713 $\pm$ 0.054 χ^2 /NDF:3277968.0/34

Out: 336.642 $\pm$ 0.053 χ^2 /NDF:3467675.5/38

All: 336.677 $\pm$ 0.038 χ^2 /NDF: 6745644.3/73

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2/NDF : 25.4/16

Left Out: -292.111 $\pm$ 82.011 χ^2/NDF : 40.4/19

Right Out: 345.481 $\pm$ 181.255 χ^2/NDF : 13.7/18

Left In: -25.504 $\pm$ 84.098 χ^2/NDF : 27.2/17

Left: -162.157 $\pm$ 58.714 χ^2/NDF : 72.8/37

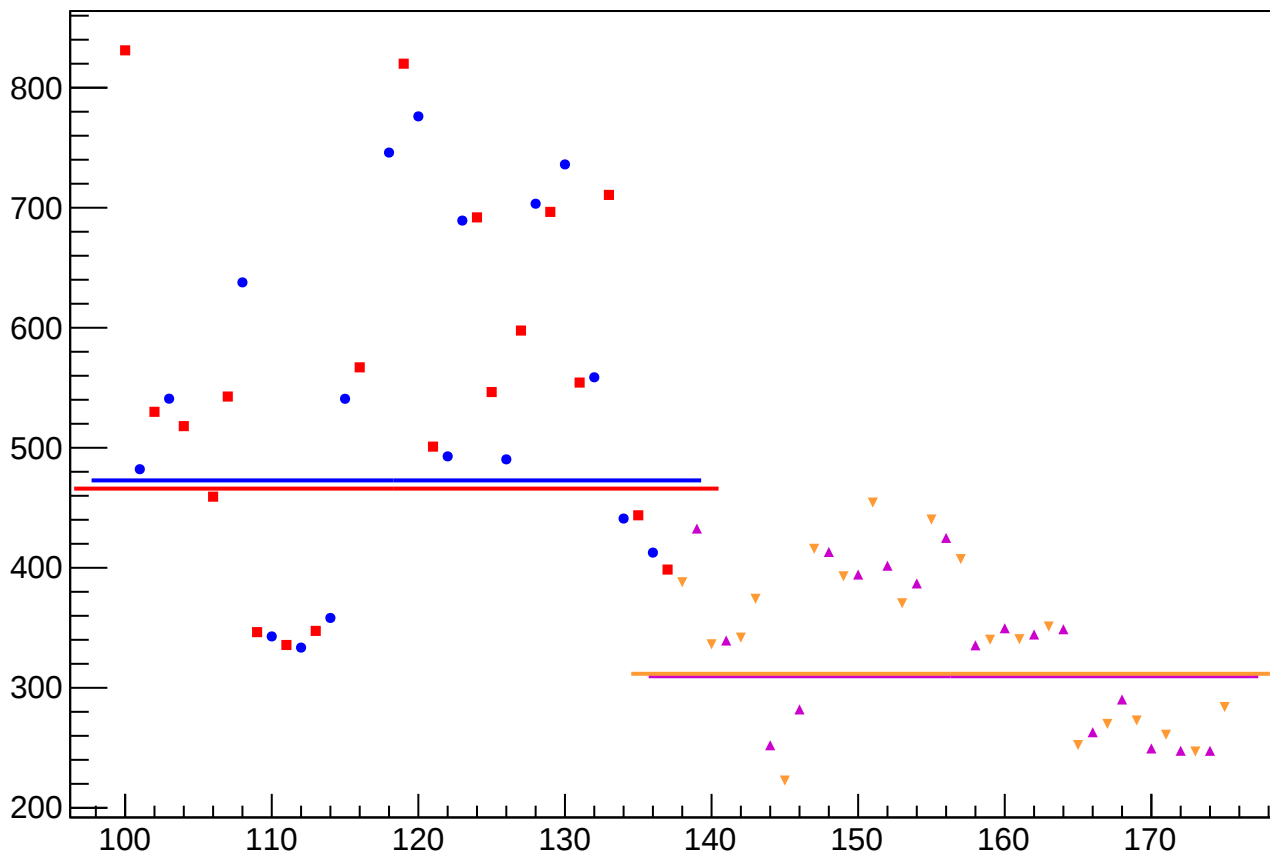
Right: 100.479 $\pm$ 131.070 χ^2/NDF : 43.0/35

In: -48.905 $\pm$ 76.886 χ^2/NDF : 53.1/34

Out: -183.764 $\pm$ 74.718 χ^2/NDF : 64.4/38

All: -118.262 $\pm$ 53.584 χ^2/NDF : 119.1/73

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 311.688 $\pm$ 0.058 χ^2 /NDF:1289615.4/19

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 309.647 $\pm$ 0.059 χ^2 /NDF:1086453.2/17

Left: 310.693 $\pm$ 0.042 χ^2 /NDF: 2376672.7/37

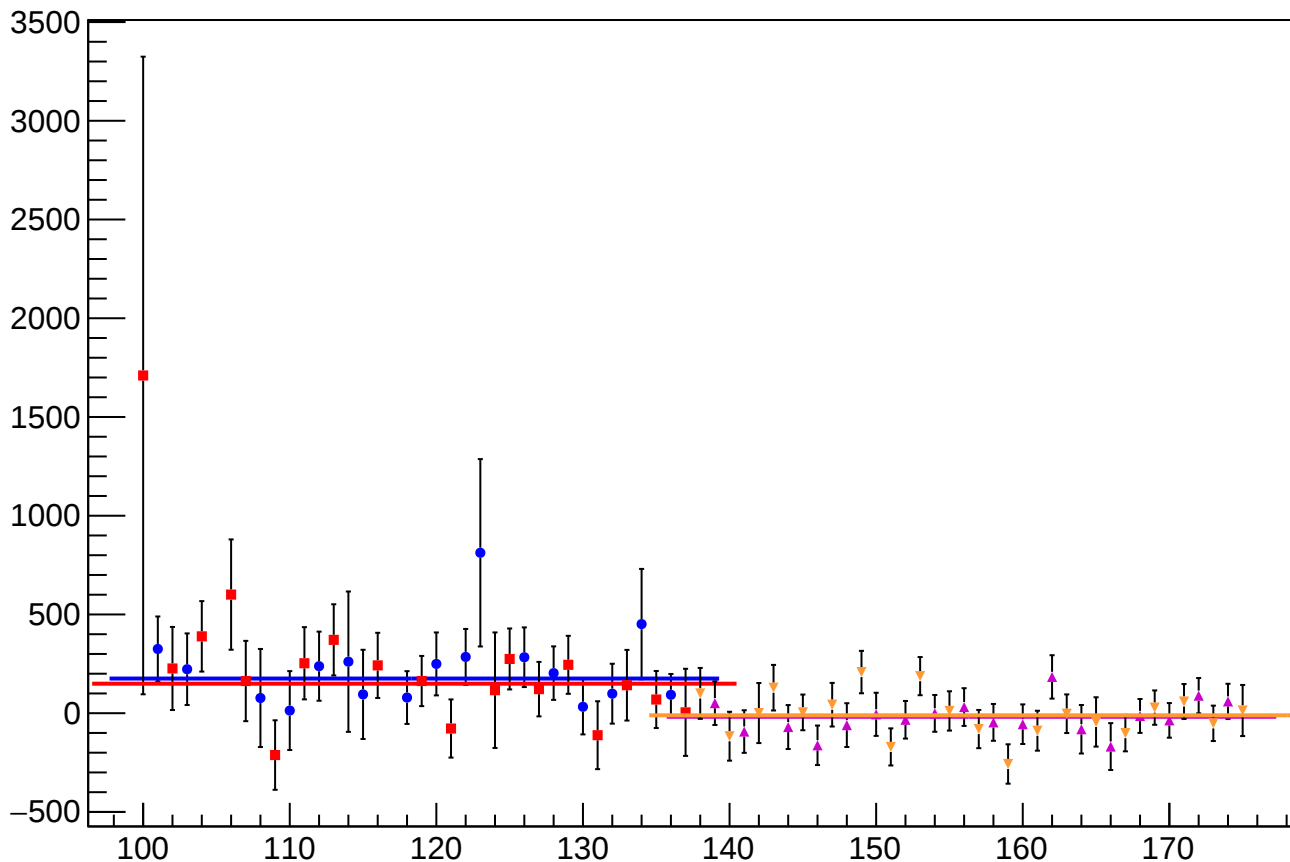
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 336.434 $\pm$ 0.054 χ^2 /NDF:3218903.5/34

Out: 337.908 $\pm$ 0.053 χ^2 /NDF:3434705.0/38

All: 337.192 $\pm$ 0.038 χ^2 /NDF: 6653986.5/73

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: -10.664 ± 22.995 χ^2/NDF : 23.9/19

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -18.091 ± 23.571 χ^2/NDF : 11.4/17

Left: -14.286 ± 16.460 χ^2/NDF : 35.3/37

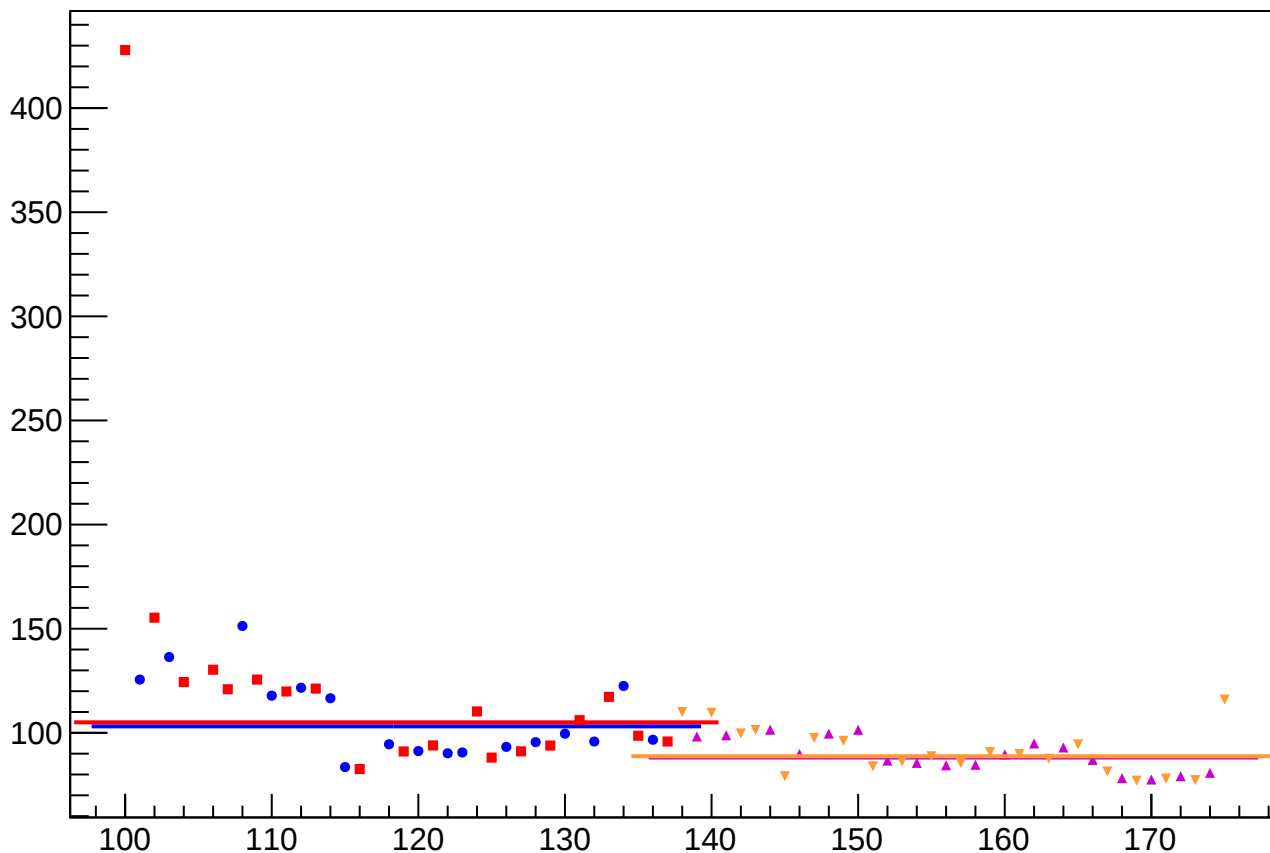
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 31.138 ± 20.354 χ^2/NDF : 37.1/34

Out: 28.625 ± 19.975 χ^2/NDF : 54.2/38

All: 29.858 ± 14.256 χ^2/NDF : 91.3/73

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 ± 0.029 $\chi^2/\text{NDF}: 306438.5/16$

Left Out: 88.772 ± 0.016 $\chi^2/\text{NDF}: 404025.0/19$

Right Out: 105.045 ± 0.029 $\chi^2/\text{NDF}: 448699.0/18$

Left In: 88.134 ± 0.017 $\chi^2/\text{NDF}: 225420.4/17$

Left: 88.461 ± 0.012 $\chi^2/\text{NDF}: 630196.9/37$

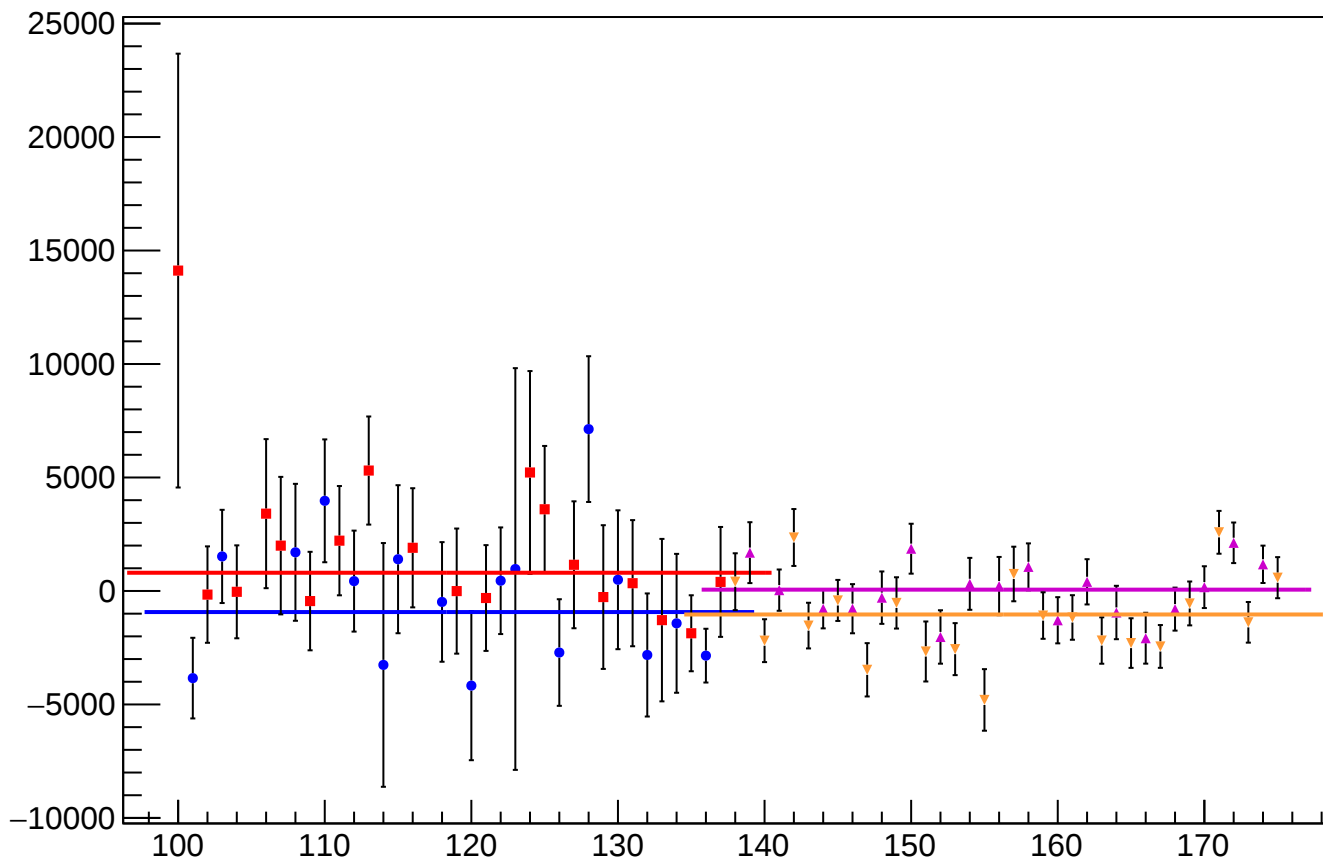
Right: 104.080 ± 0.020 $\chi^2/\text{NDF}: 757434.4/35$

In: 91.944 ± 0.014 $\chi^2/\text{NDF}: 737264.6/34$

Out: 92.766 ± 0.014 $\chi^2/\text{NDF}: 1098556.7/38$

All: 92.363 ± 0.010 $\chi^2/\text{NDF}: 1837486.0/73$

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1035.911 $\pm$ 234.068 χ^2 /NDF:51.7/19

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: 58.060 $\pm$ 241.967 χ^2 /NDF:24.2/17

Left: -507.073 $\pm$ 168.234 χ^2 /NDF: 86.5/37

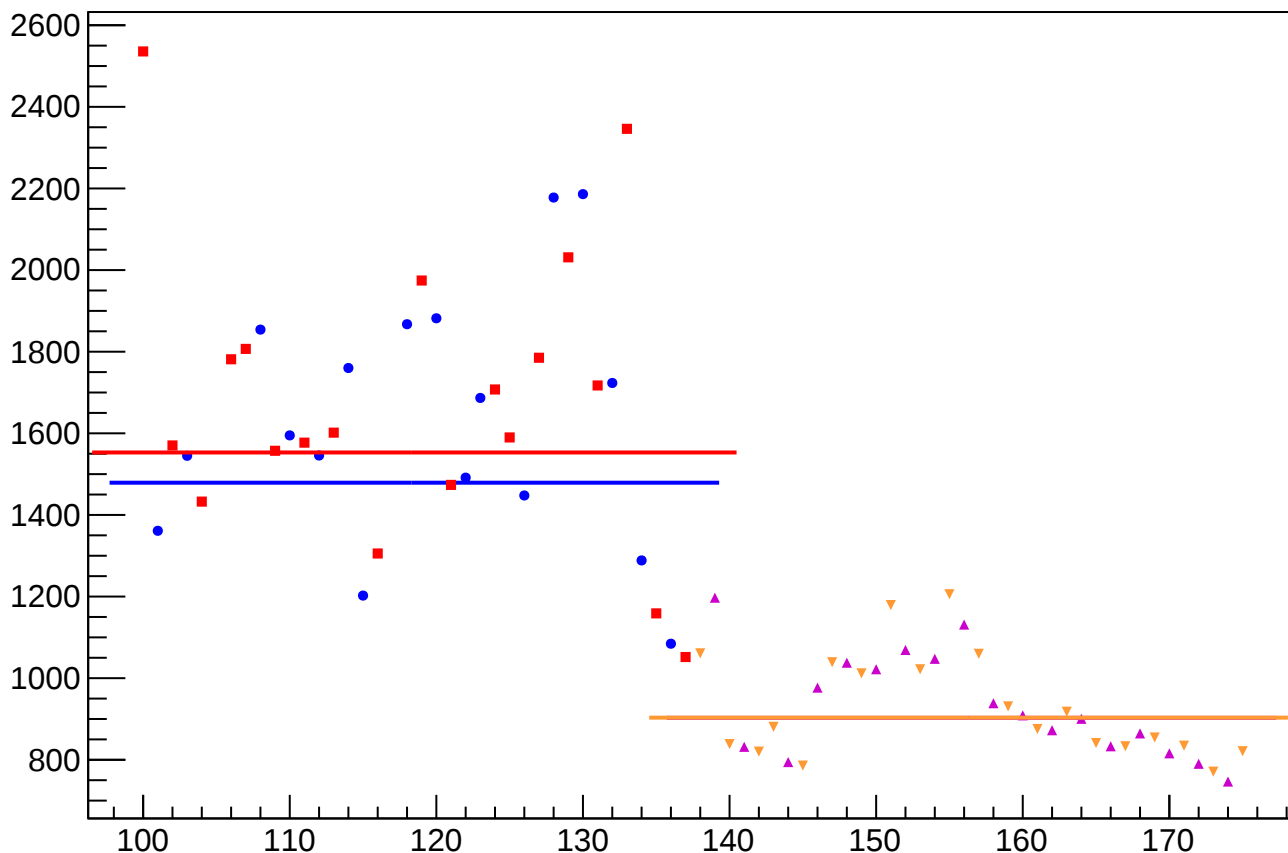
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -85.302 $\pm$ 223.705 χ^2 /NDF:47.5/34

Out: -788.631 $\pm$ 217.761 χ^2 /NDF:72.9/38

All: -446.434 $\pm$ 156.039 χ^2 /NDF: 125.5/73

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 903.264 $\pm$ 0.166 χ^2 /NDF: 468436.3/19

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 902.795 $\pm$ 0.171 χ^2 /NDF: 472518.6/17

Left: 903.038 $\pm$ 0.119 χ^2 /NDF: 940958.7/37

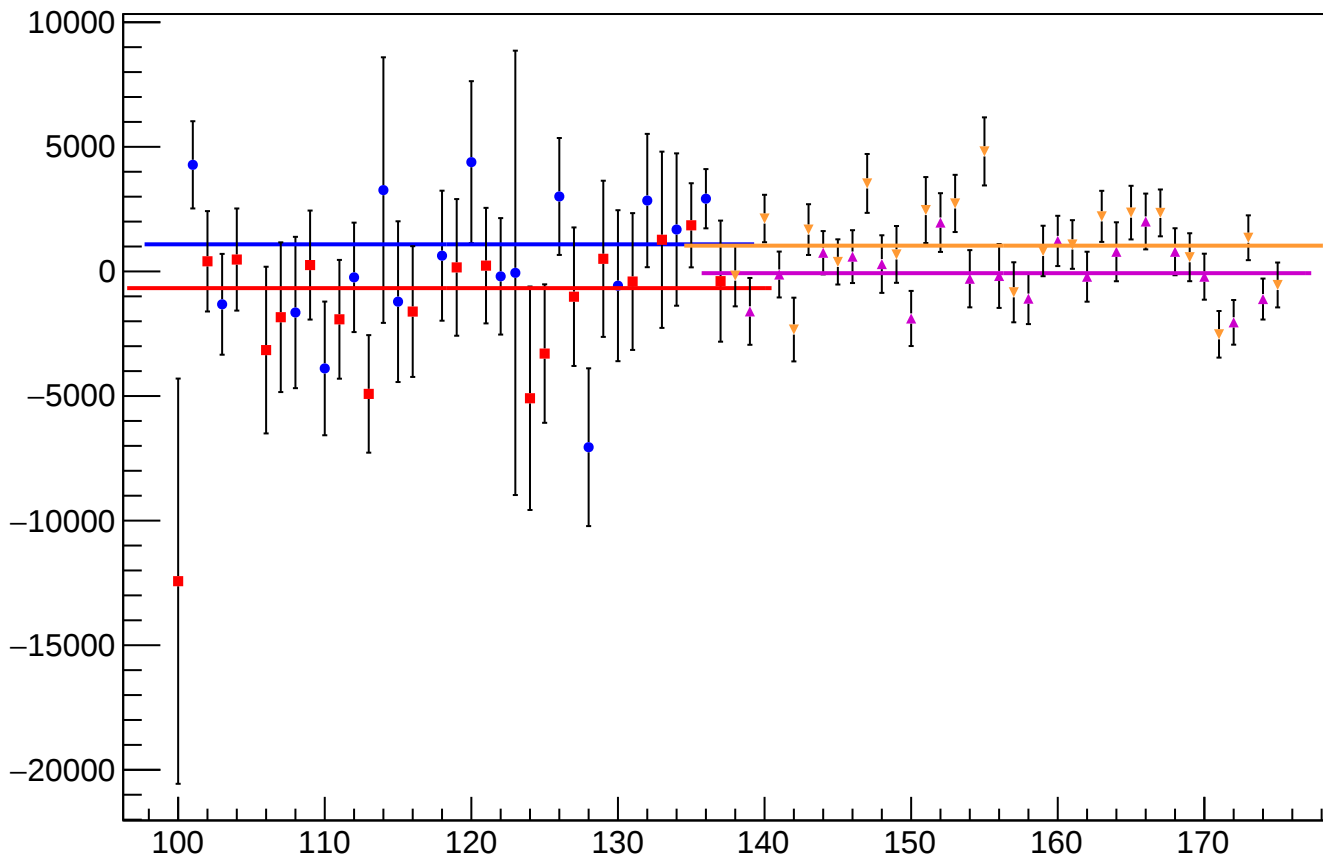
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 986.489 $\pm$ 0.158 χ^2 /NDF: 2709464.6/34

Out: 990.652 $\pm$ 0.154 χ^2 /NDF: 3025143.5/38

All: 988.626 $\pm$ 0.110 χ^2 /NDF: 5734963.8/73

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1034.708 $\pm$ 234.033 χ^2 /NDF:50.8/19

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -69.752 $\pm$ 241.996 χ^2 /NDF:22.3/17

Left: 500.949 $\pm$ 168.231 χ^2 /NDF: 83.9/37

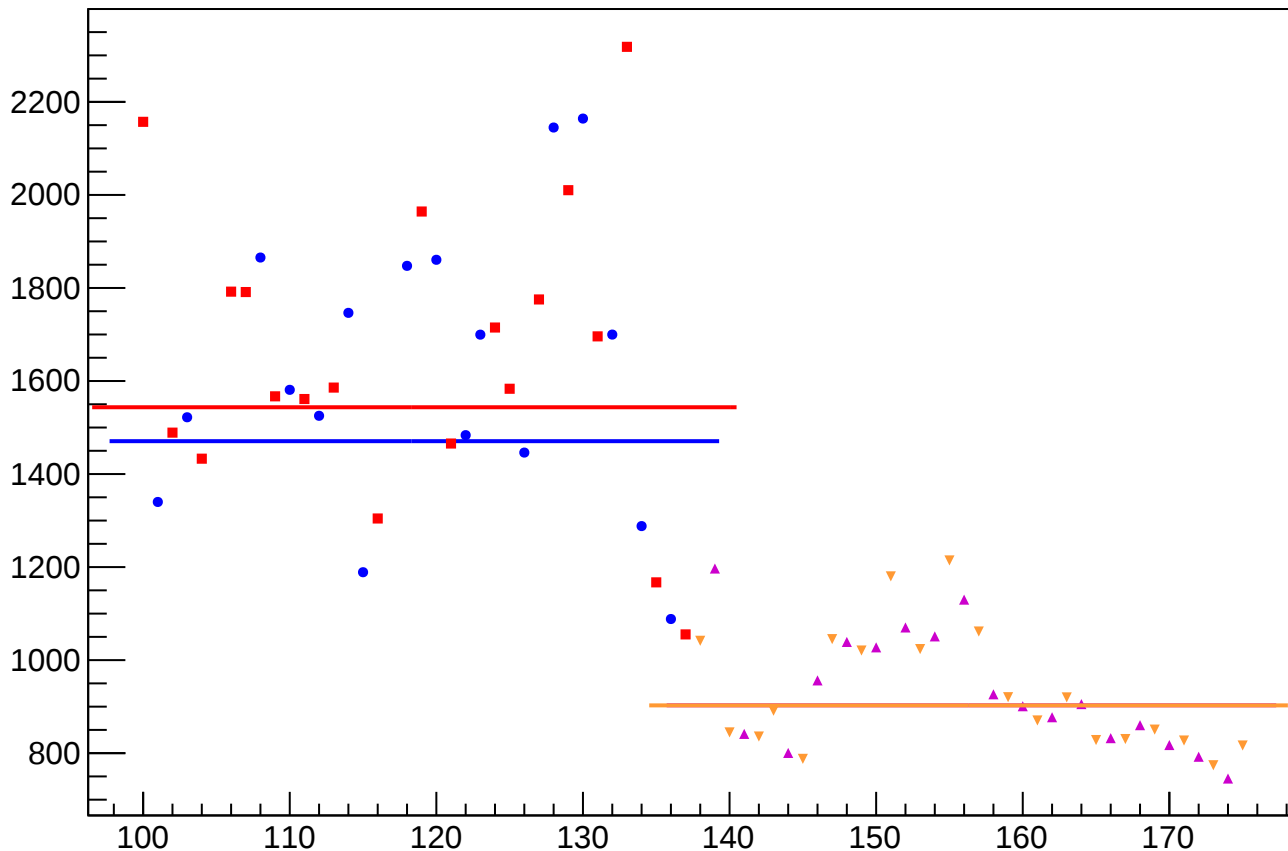
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 100.243 $\pm$ 223.524 χ^2 /NDF:47.5/34

Out: 802.919 $\pm$ 217.543 χ^2 /NDF:70.1/38

All: 461.109 $\pm$ 155.898 χ^2 /NDF: 122.7/73

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 902.724 $\pm$ 0.165 χ^2/NDF : 472904.4/19

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 902.869 $\pm$ 0.171 χ^2/NDF : 462867.9/17

Left: 902.794 $\pm$ 0.119 χ^2/NDF : 935772.7/37

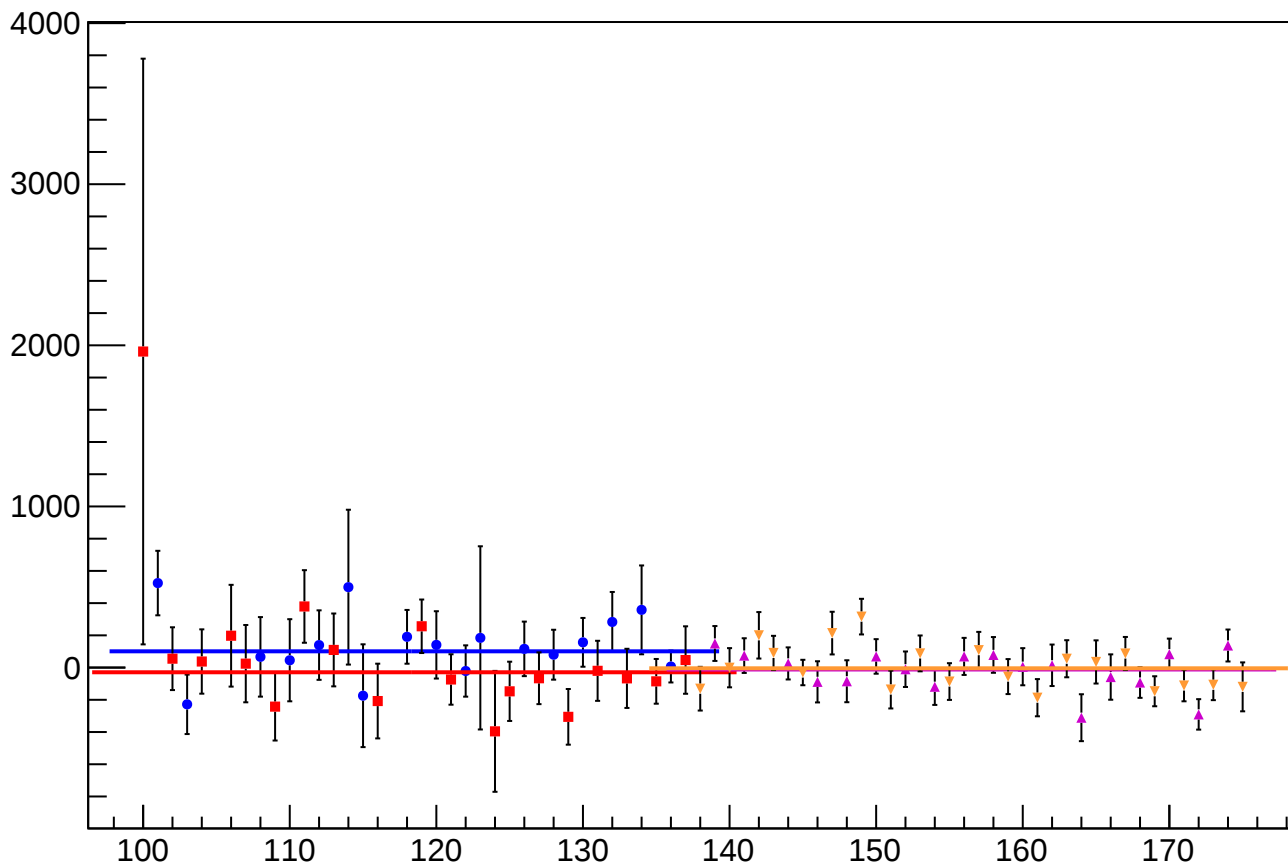
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 986.243 $\pm$ 0.158 χ^2/NDF : 2647381.4/34

Out: 989.853 $\pm$ 0.154 χ^2/NDF : 2966116.2/38

All: 988.097 $\pm$ 0.110 χ^2/NDF : 5613765.5/73

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: -4.476 $\pm$ 24.810 χ^2 /NDF:27.5/19

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: -11.943 $\pm$ 26.152 χ^2 /NDF:23.3/17

Left: -8.013 $\pm$ 17.999 χ^2 /NDF: 50.9/37

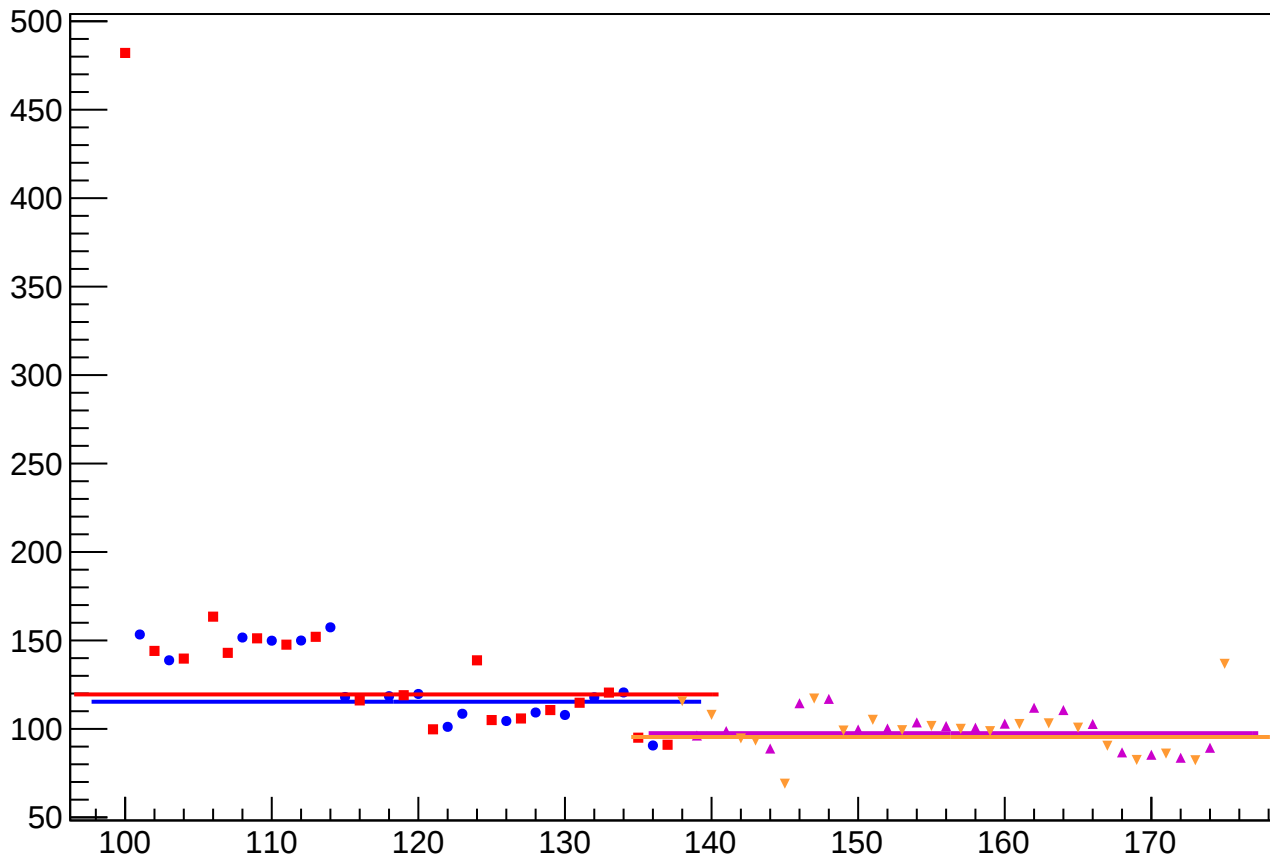
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 16.284 $\pm$ 22.647 χ^2 /NDF:41.0/34

Out: -10.094 $\pm$ 21.803 χ^2 /NDF:42.5/38

All: 2.595 $\pm$ 15.707 χ^2 /NDF: 84.2/73

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 95.426 $\pm$ 0.018 χ^2 /NDF: 641927.0/19

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 97.588 $\pm$ 0.018 χ^2 /NDF: 270073.8/17

Left: 96.450 $\pm$ 0.013 χ^2 /NDF: 919193.4/37

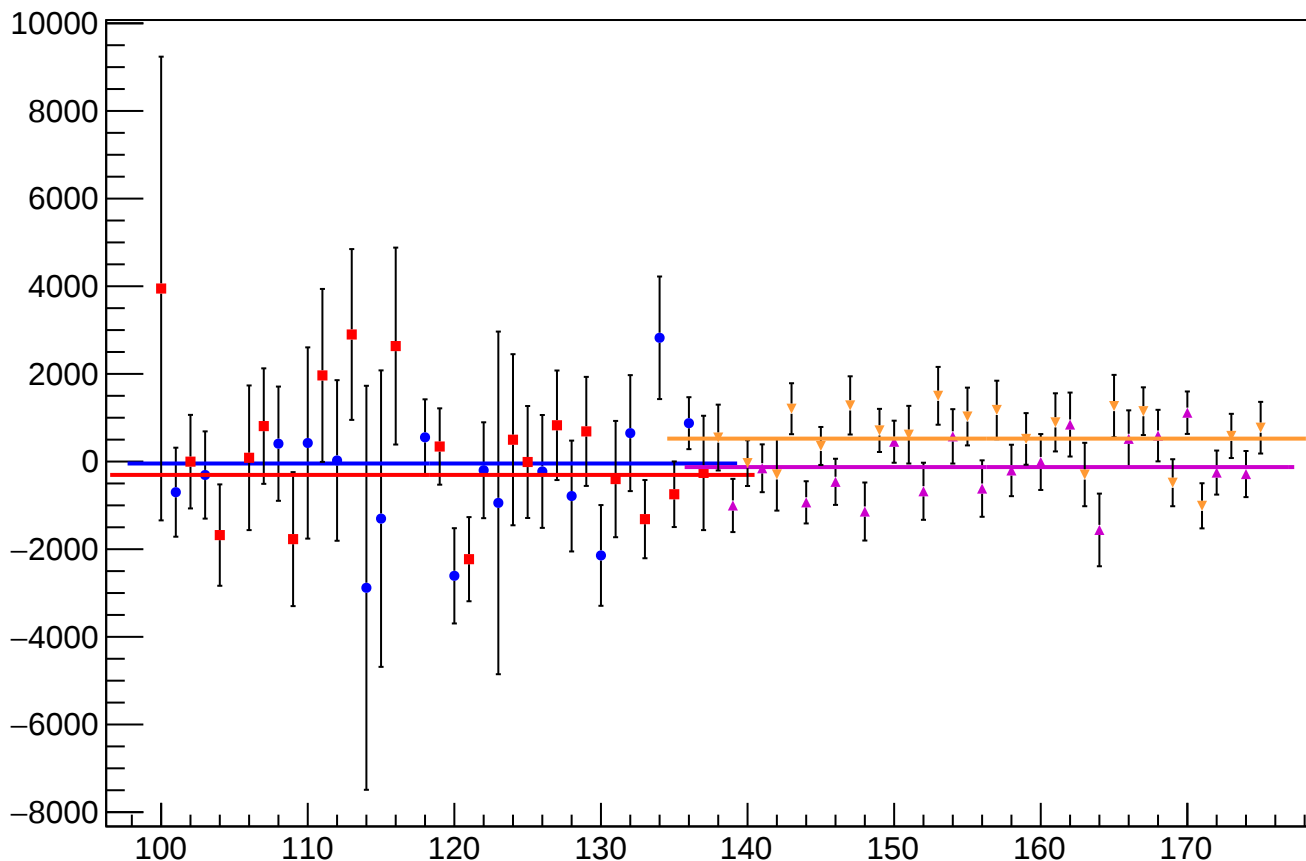
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 102.035 $\pm$ 0.016 χ^2 /NDF: 912606.0/34

Out: 100.905 $\pm$ 0.015 χ^2 /NDF: 1548328.9/38

All: 101.449 $\pm$ 0.011 χ^2 /NDF: 2463515.5/73

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 523.342 ± 132.211 $\chi^2/\text{NDF}: 25.4/19$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -126.140 ± 136.379 $\chi^2/\text{NDF}: 25.7/17$

Left: 208.677 ± 94.926 $\chi^2/\text{NDF}: 62.8/37$

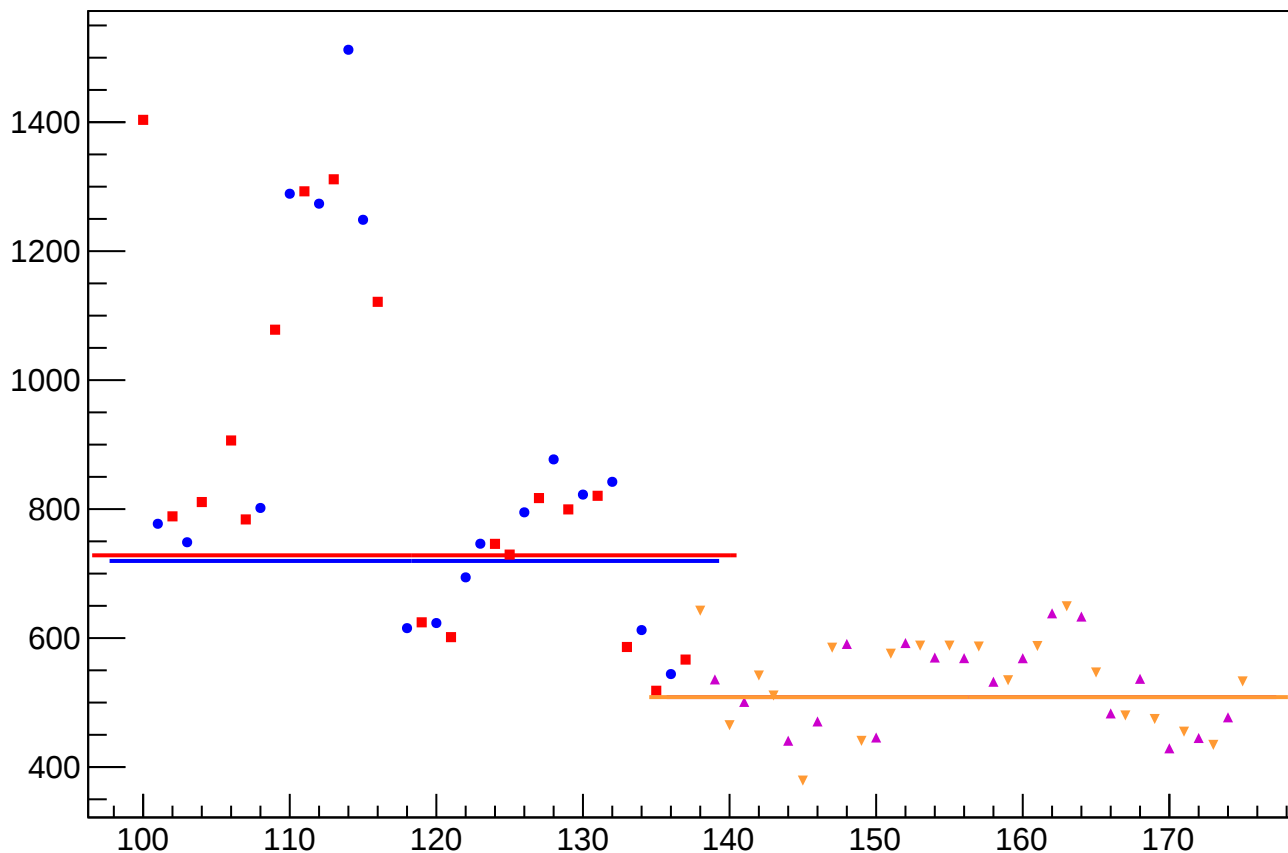
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -111.049 ± 123.122 $\chi^2/\text{NDF}: 43.6/34$

Out: 374.727 ± 119.762 $\chi^2/\text{NDF}: 49.9/38$

All: 138.559 ± 85.848 $\chi^2/\text{NDF}: 101.5/73$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606+/-0.202 χ^2/NDF : 746949.1/16

Left Out: 508.452+/-0.093 χ^2/NDF : 626974.5/19

Right Out: 728.331+/-0.200 χ^2/NDF : 913667.8/18

Left In: 508.551+/-0.096 χ^2/NDF : 419923.2/17

Left: 508.500+/-0.067 χ^2/NDF : 1046898.2/37

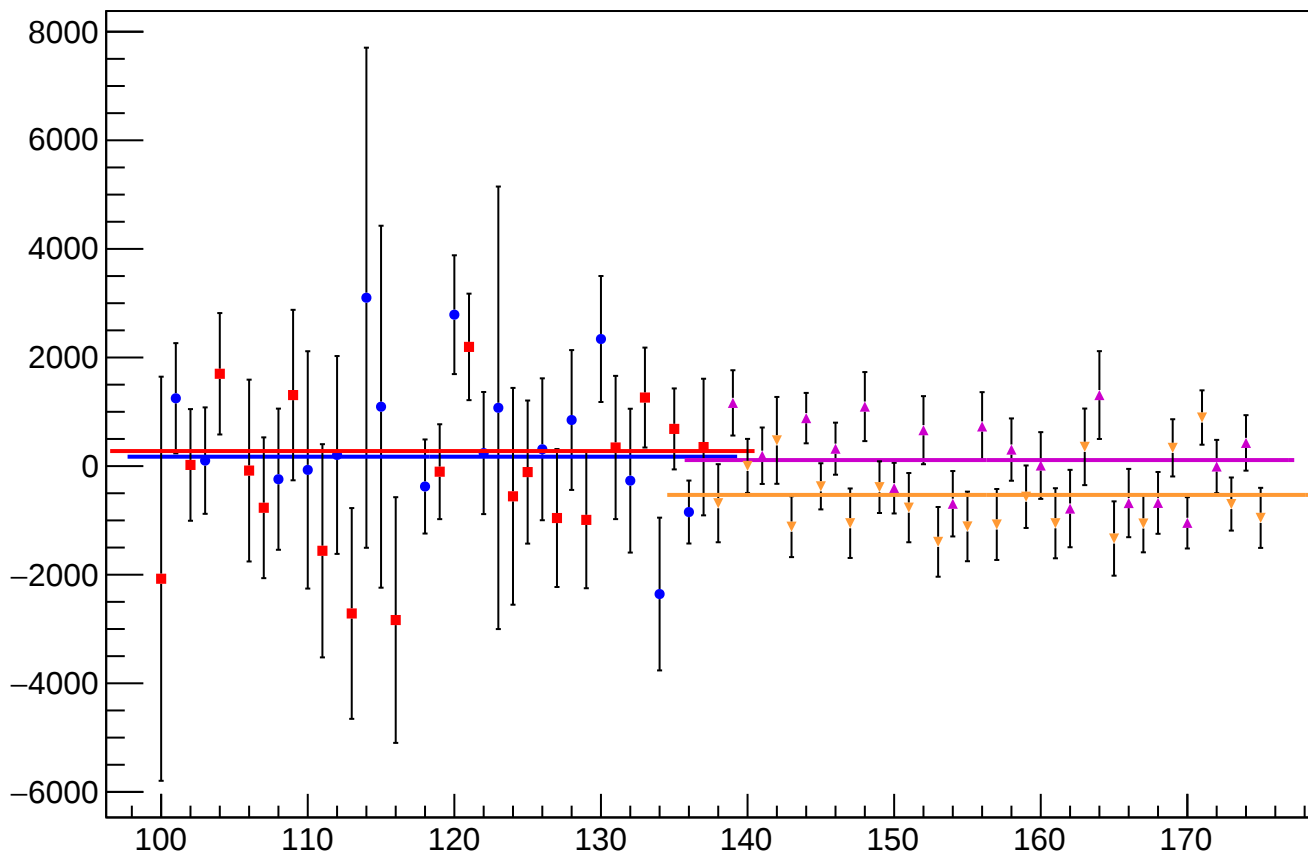
Right: 724.023+/-0.142 χ^2/NDF : 1661557.4/35

In: 547.588+/-0.087 χ^2/NDF : 2052813.1/34

Out: 547.911+/-0.085 χ^2/NDF : 2533347.0/38

All: 547.754+/-0.061 χ^2/NDF : 4586167.2/73

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182+/-285.672 χ^2/NDF : 18.1/16

Left Out: -530.477+/-128.105 χ^2/NDF :24.3/19

Right Out: 277.145+/-282.726 χ^2/NDF : 16.0/18

Left In: 111.233+/-131.765 χ^2/NDF :27.0/17

Left: -218.658+/-91.850 χ^2/NDF : 63.5/37

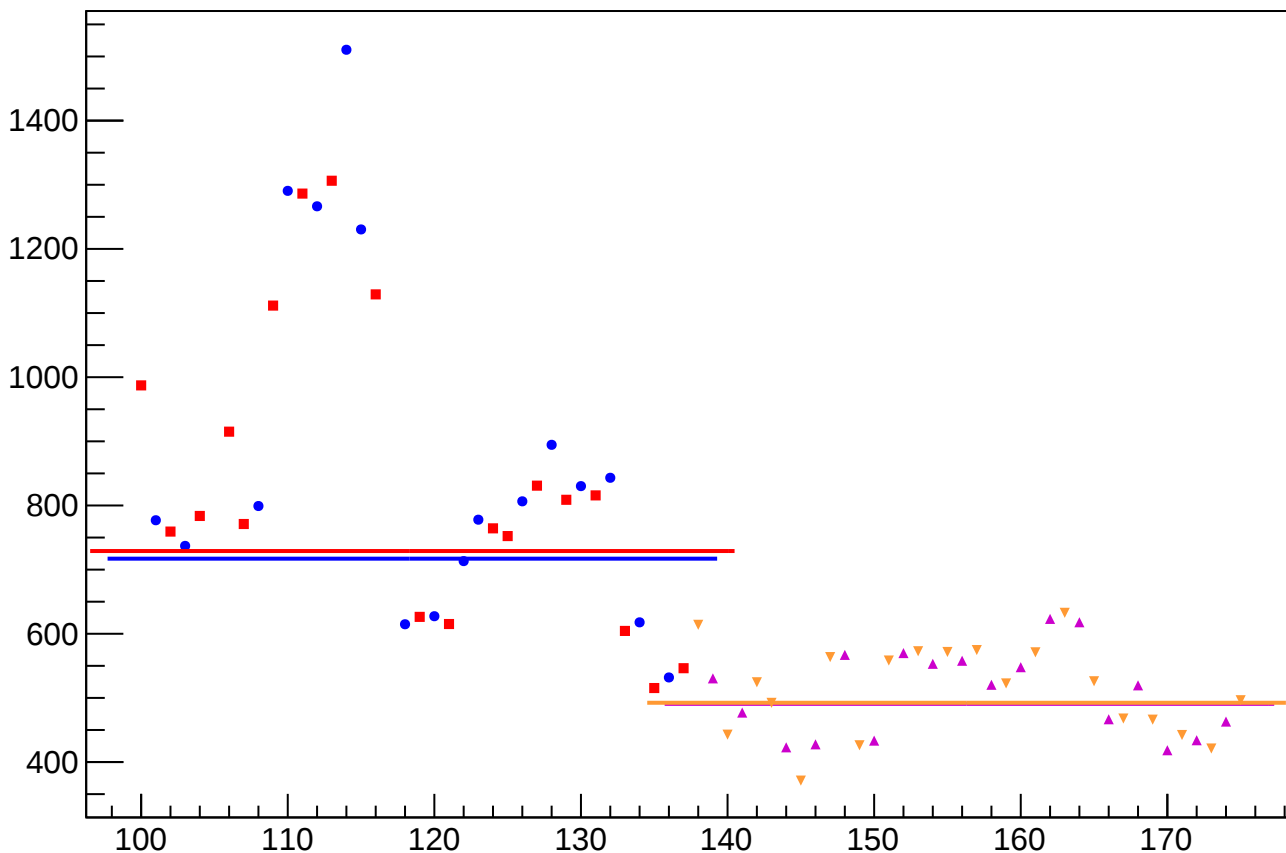
Right: 225.702+/-200.951 χ^2/NDF : 34.2/35

In: 122.100+/-119.650 χ^2/NDF :45.2/34

Out: -392.911+/-116.686 χ^2/NDF :47.1/38

All: -141.865+/-83.538 χ^2/NDF : 101.8/73

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 492.443 $\pm$ 0.091 χ^2 /NDF: 612923.2/19

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 490.702 $\pm$ 0.093 χ^2 /NDF: 451161.9/17

Left: 491.597 $\pm$ 0.065 χ^2 /NDF: 1064264.6/37

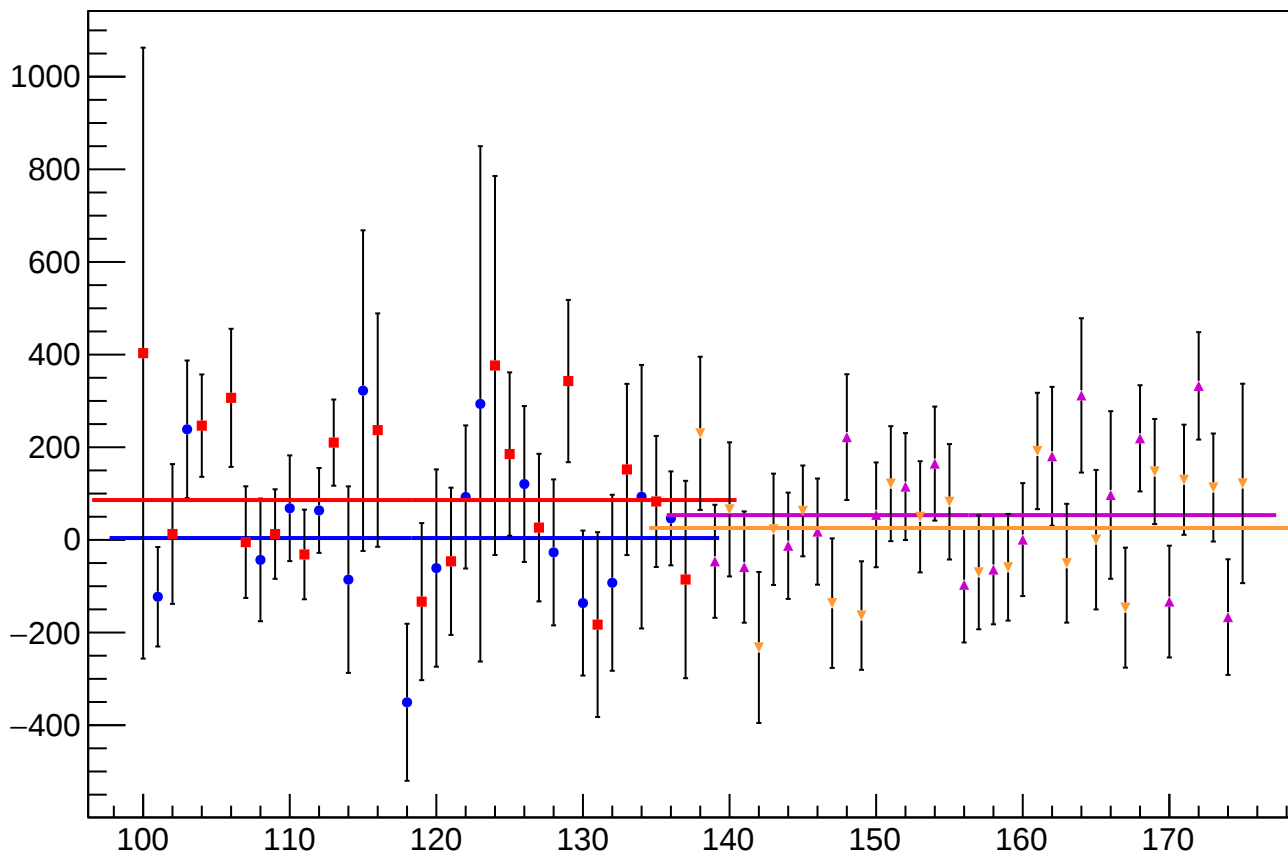
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 530.415 $\pm$ 0.085 χ^2 /NDF: 2269233.7/34

Out: 532.735 $\pm$ 0.083 χ^2 /NDF: 2665183.1/38

All: 531.604 $\pm$ 0.059 χ^2 /NDF: 4934802.2/73

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 25.653 ± 28.500 $\chi^2/\text{NDF}: 16.8/19$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 53.501 ± 29.366 $\chi^2/\text{NDF}: 23.8/17$

Left: 39.160 ± 20.452 $\chi^2/\text{NDF}: 41.0/37$

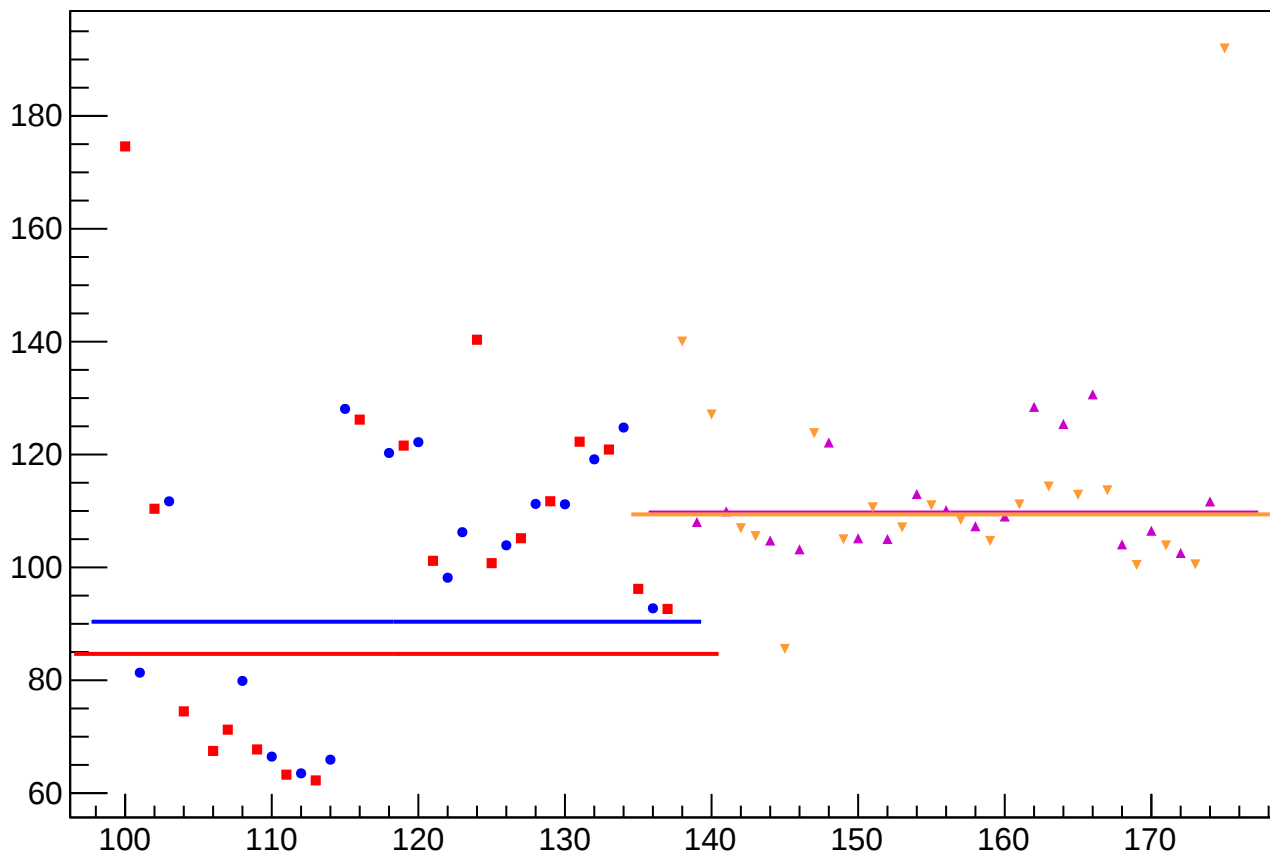
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 33.695 ± 22.743 $\chi^2/\text{NDF}: 37.7/34$

Out: 51.114 ± 21.672 $\chi^2/\text{NDF}: 36.3/38$

All: 42.824 ± 15.689 $\chi^2/\text{NDF}: 74.2/73$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 109.397 $\pm$ 0.020 χ^2 /NDF: 577006.9/19

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 109.723 $\pm$ 0.021 χ^2 /NDF: 126328.7/17

Left: 109.555 $\pm$ 0.014 χ^2 /NDF: 703463.1/37

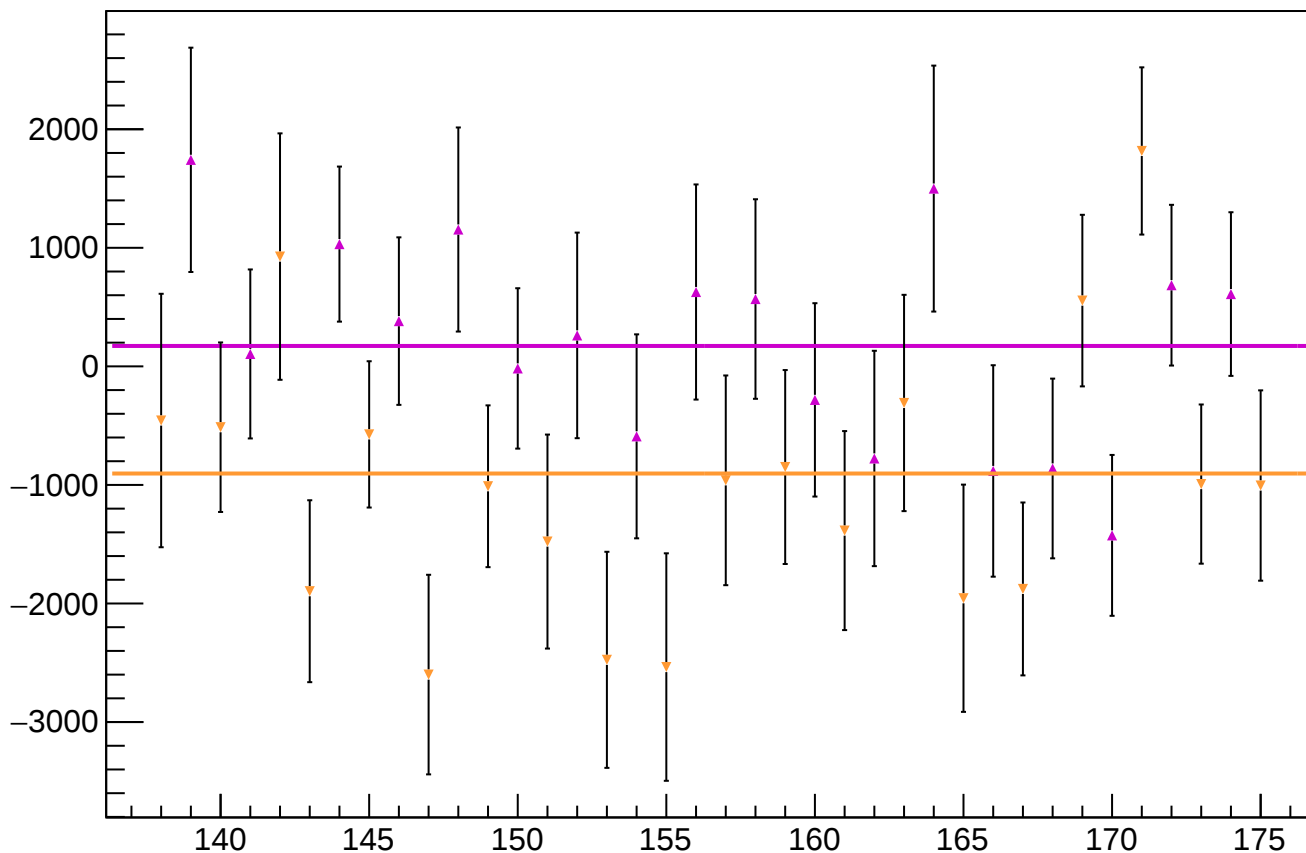
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 101.980 $\pm$ 0.016 χ^2 /NDF: 1127932.4/34

Out: 98.969 $\pm$ 0.015 χ^2 /NDF: 2119943.3/38

All: 100.402 $\pm$ 0.011 χ^2 /NDF: 3266251.5/73

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -903.772+/-178.976 χ^2/NDF :38.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 172.144+/-184.537 χ^2/NDF :20.0/17

Left: -382.270+/-128.476 χ^2/NDF : 76.2/37

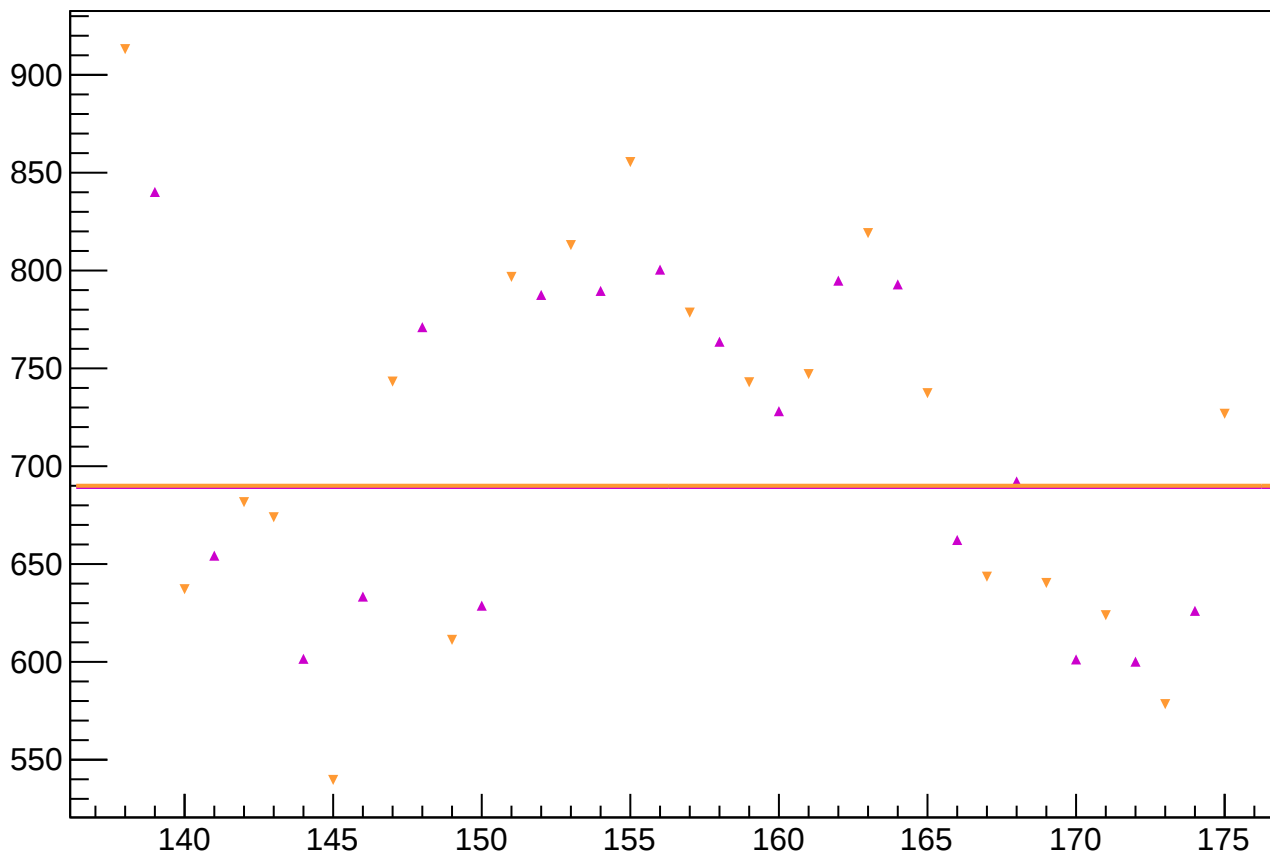
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 172.144+/-184.537 χ^2/NDF :20.0/17

Out: -903.772+/-178.976 χ^2/NDF :38.6/19

All: -382.270+/-128.476 χ^2/NDF : 76.2/37

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 690.026+/-0.127 χ^2/NDF :553597.9/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 689.385+/-0.130 χ^2/NDF :375232.0/17

Left: 689.716+/-0.091 χ^2/NDF : 928842.3/37

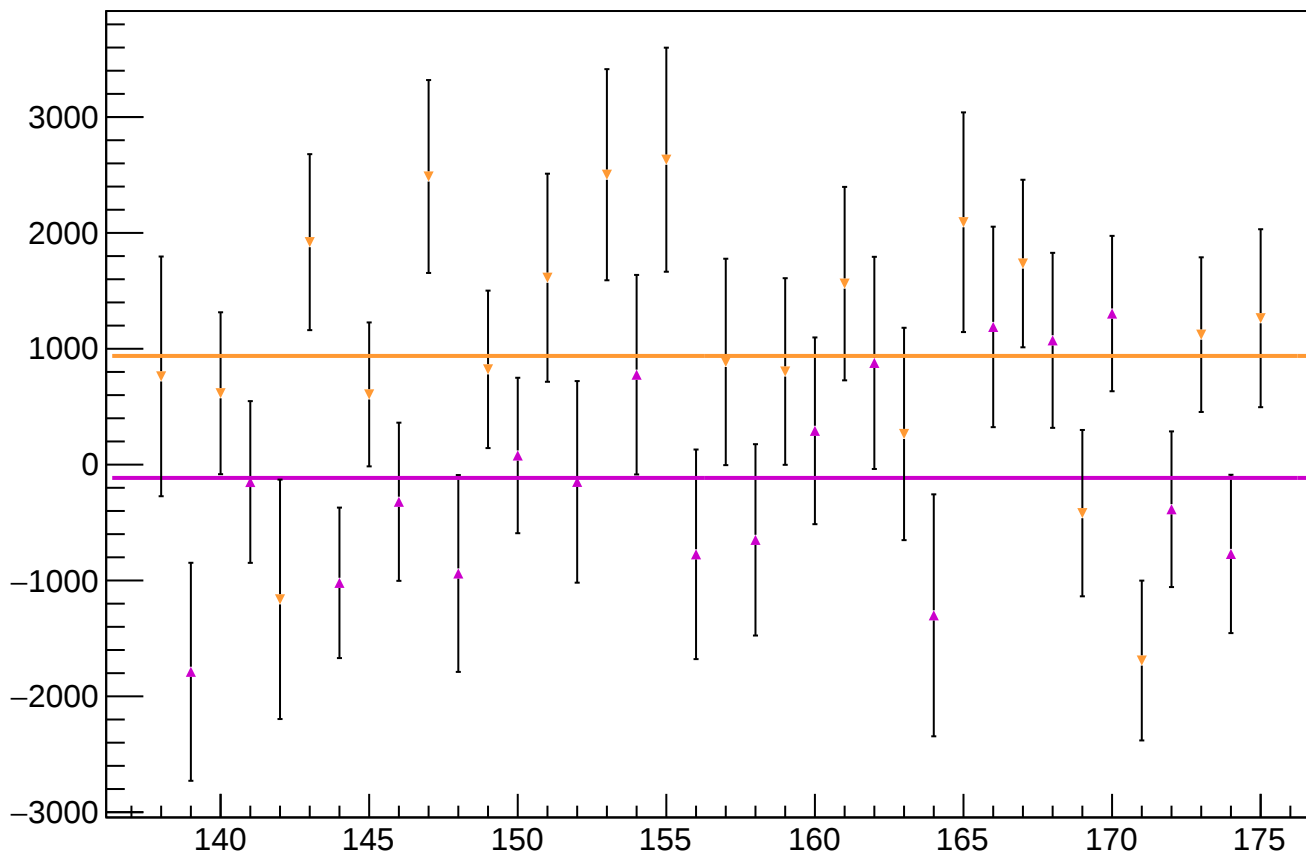
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 689.385+/-0.130 χ^2/NDF :375232.0/17

Out: 690.026+/-0.127 χ^2/NDF :553597.9/19

All: 689.716+/-0.091 χ^2/NDF : 928842.3/37

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 938.211+/-177.325 χ^2/NDF :38.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -114.787+/-182.622 χ^2/NDF :21.3/17

Left: 427.205+/-127.219 χ^2/NDF : 77.0/37

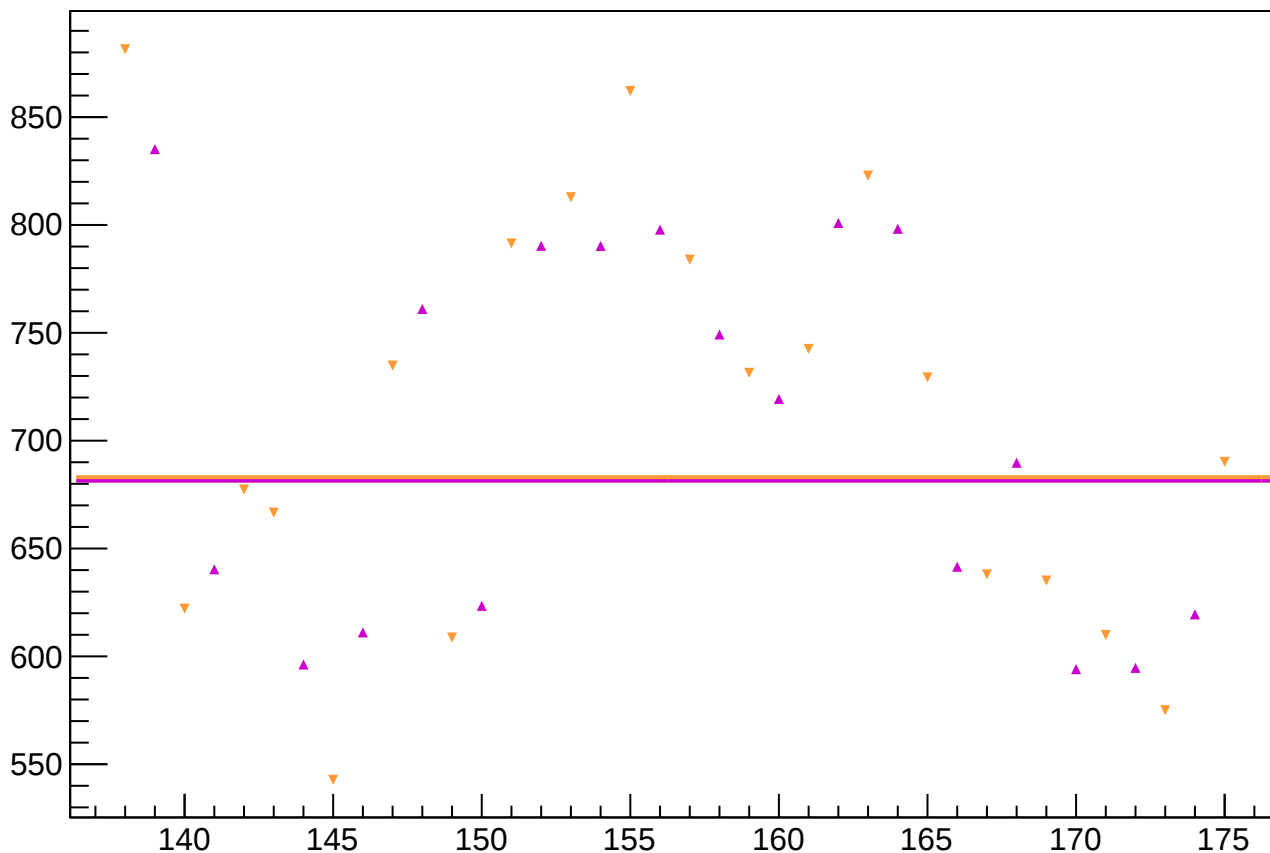
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -114.787+/-182.622 χ^2/NDF :21.3/17

Out: 938.211+/-177.325 χ^2/NDF :38.6/19

All: 427.205+/-127.219 χ^2/NDF : 77.0/37

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 683.080+/-0.125 χ^2/NDF : 547821.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 681.454+/-0.129 χ^2/NDF : 410105.8/17

Left: 682.291+/-0.090 χ^2/NDF : 958009.1/37

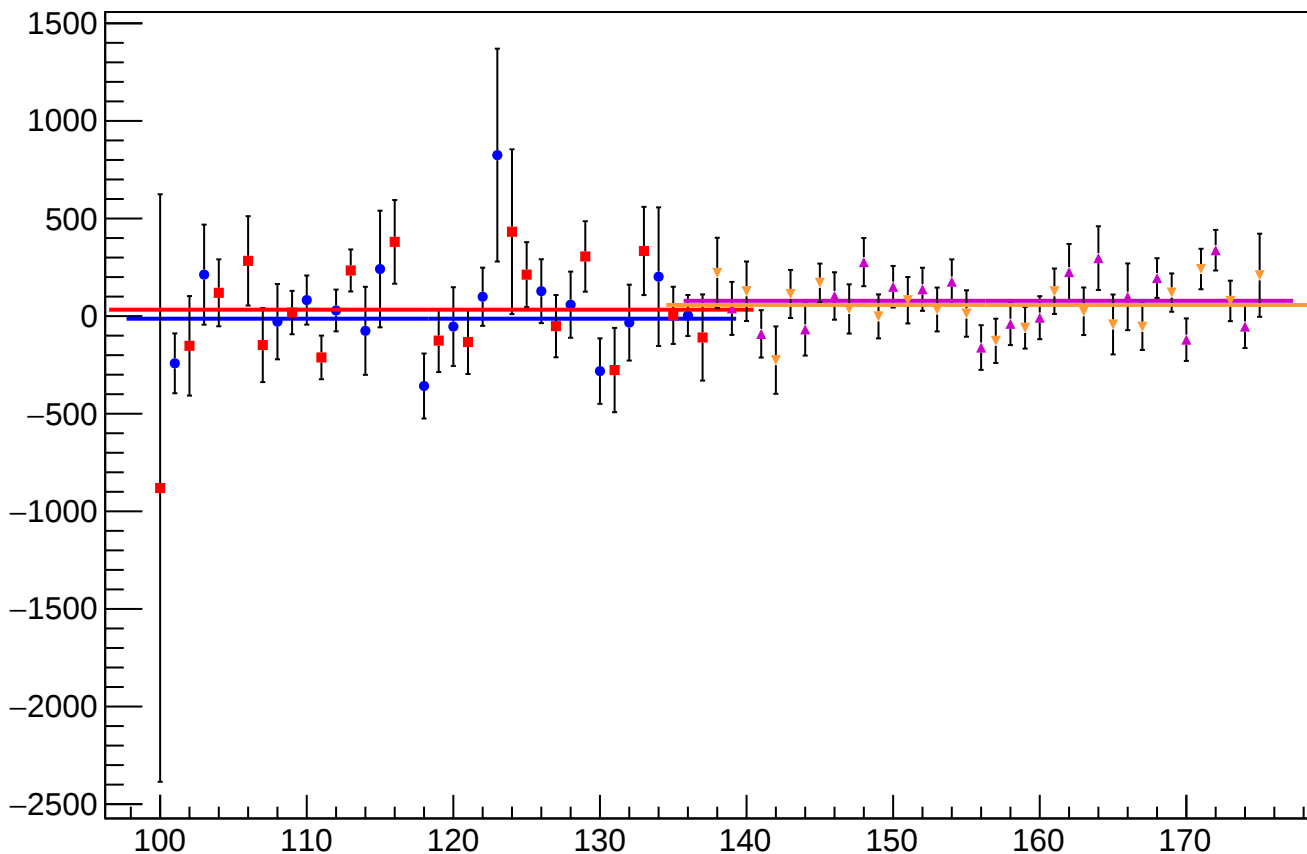
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 681.454+/-0.129 χ^2/NDF : 410105.8/17

Out: 683.080+/-0.125 χ^2/NDF : 547821.7/19

All: 682.291+/-0.090 χ^2/NDF : 958009.1/37

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 57.322 ± 26.997 χ^2/NDF : 15.5/19

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 78.513 ± 27.990 χ^2/NDF : 28.6/17

Left: 67.535 ± 19.431 χ^2/NDF : 44.4/37

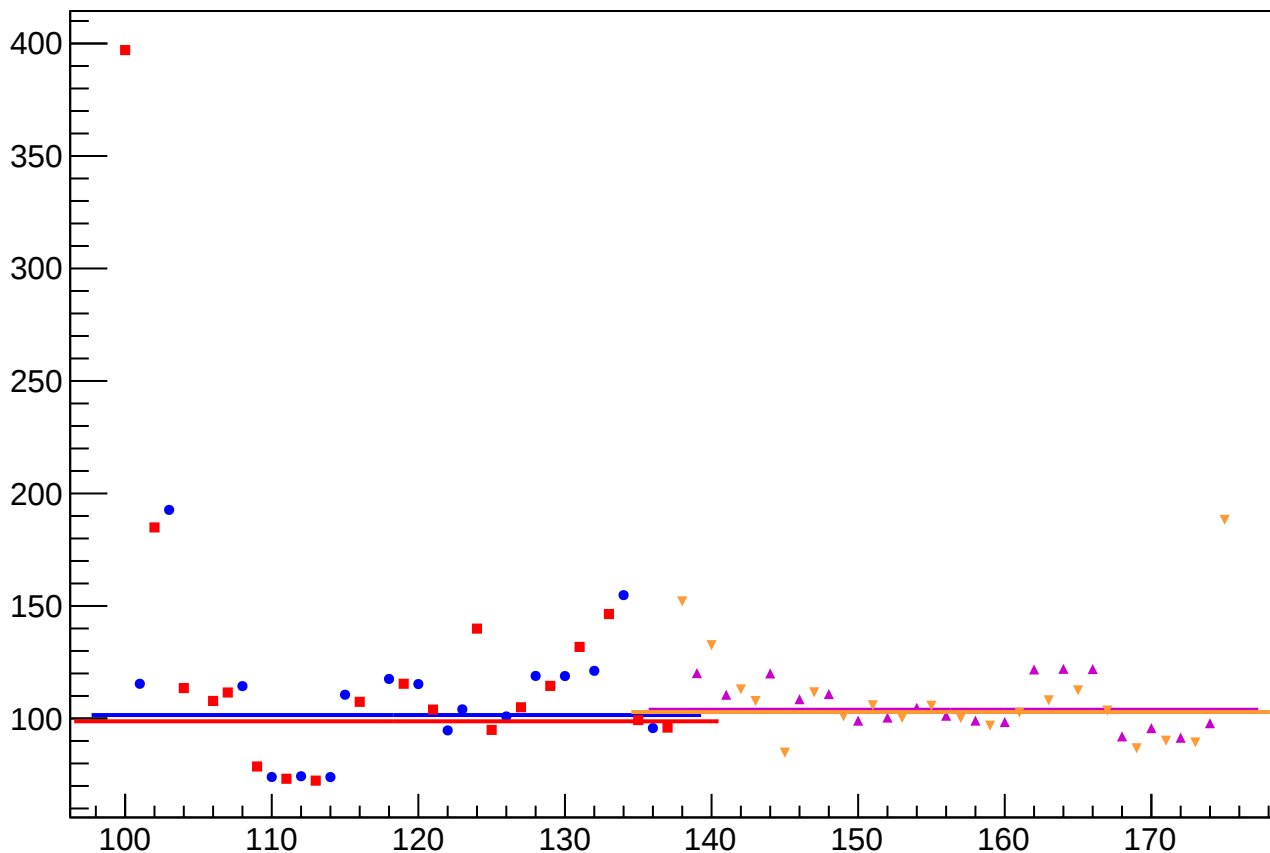
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 48.915 ± 23.036 χ^2/NDF : 47.8/34

Out: 49.419 ± 22.175 χ^2/NDF : 40.8/38

All: 49.176 ± 15.976 χ^2/NDF : 88.6/73

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 102.852 $\pm$ 0.019 χ^2 /NDF: 776180.2/19

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 103.881 $\pm$ 0.020 χ^2 /NDF: 240347.6/17

Left: 103.348 $\pm$ 0.014 χ^2 /NDF: 1017927.3/37

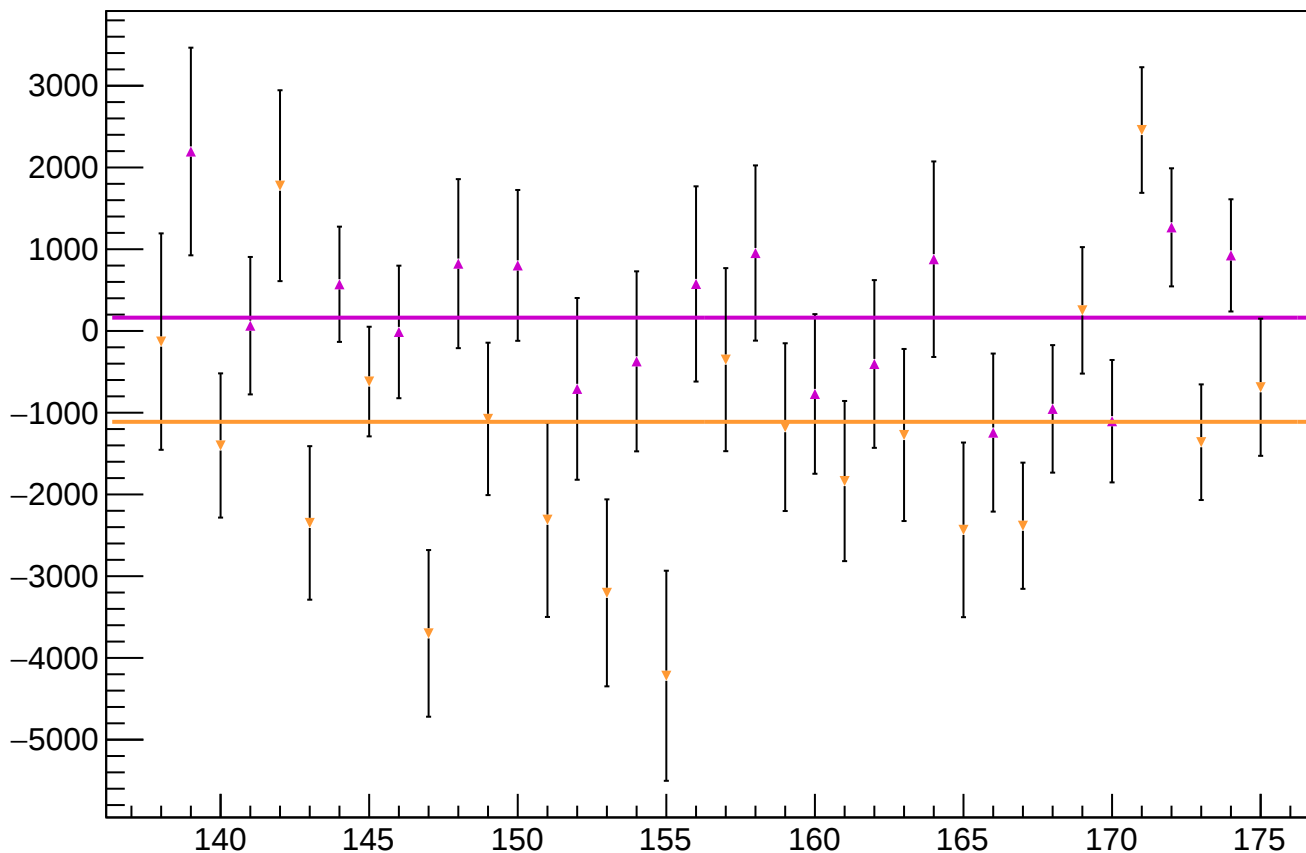
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 103.119 $\pm$ 0.016 χ^2 /NDF: 926656.3/34

Out: 101.513 $\pm$ 0.016 χ^2 /NDF: 1616939.1/38

All: 102.285 $\pm$ 0.011 χ^2 /NDF: 2548639.6/73

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1111.507+/-207.775 χ^2/NDF :56.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 162.768+/-212.642 χ^2/NDF :17.5/17

Left: -489.120+/-148.610 χ^2/NDF : 91.9/37

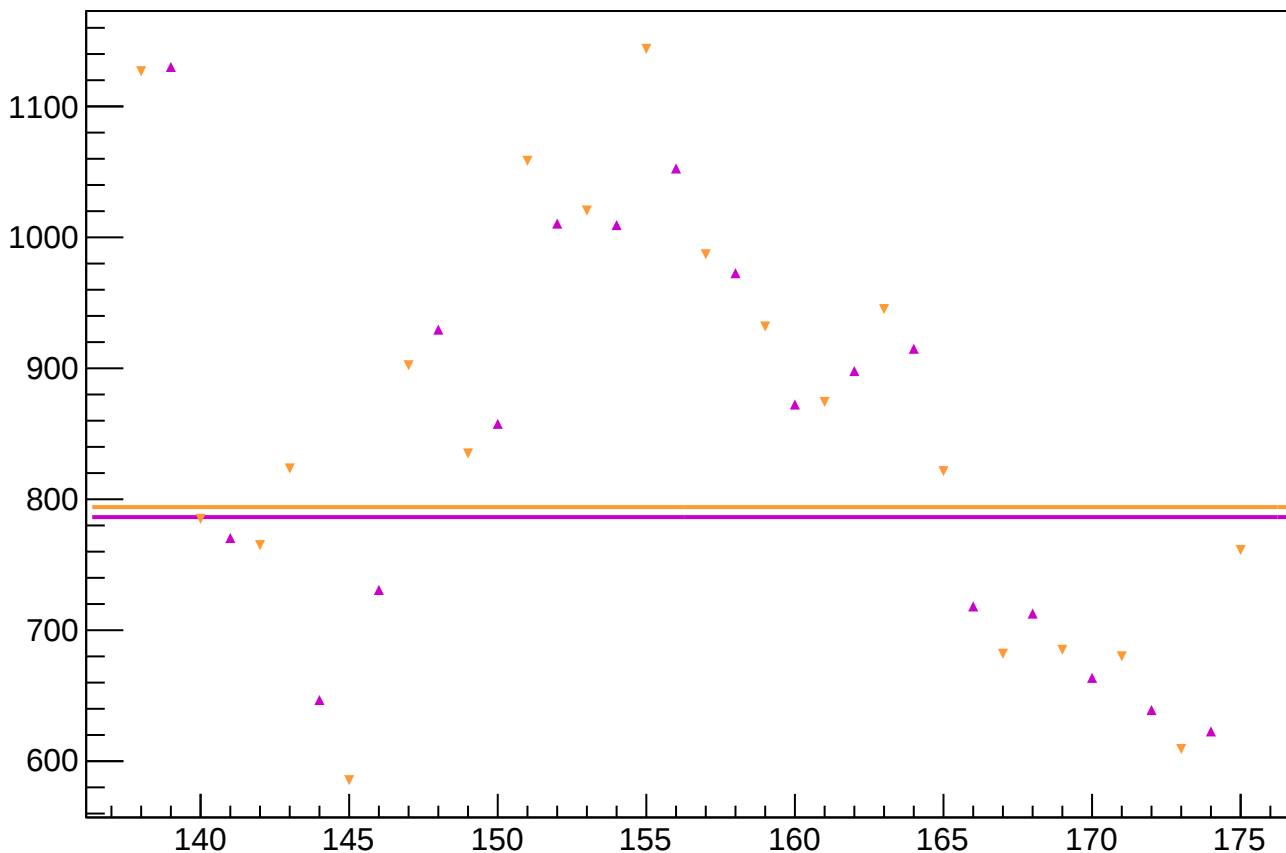
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 162.768+/-212.642 χ^2/NDF :17.5/17

Out: -1111.507+/-207.775 χ^2/NDF :56.0/19

All: -489.120+/-148.610 χ^2/NDF : 91.9/37

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 794.026+/-0.147 χ^2/NDF :1091942.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 786.380+/-0.150 χ^2/NDF :949078.7/17

Left: 790.292+/-0.105 χ^2/NDF : 2042344.2/37

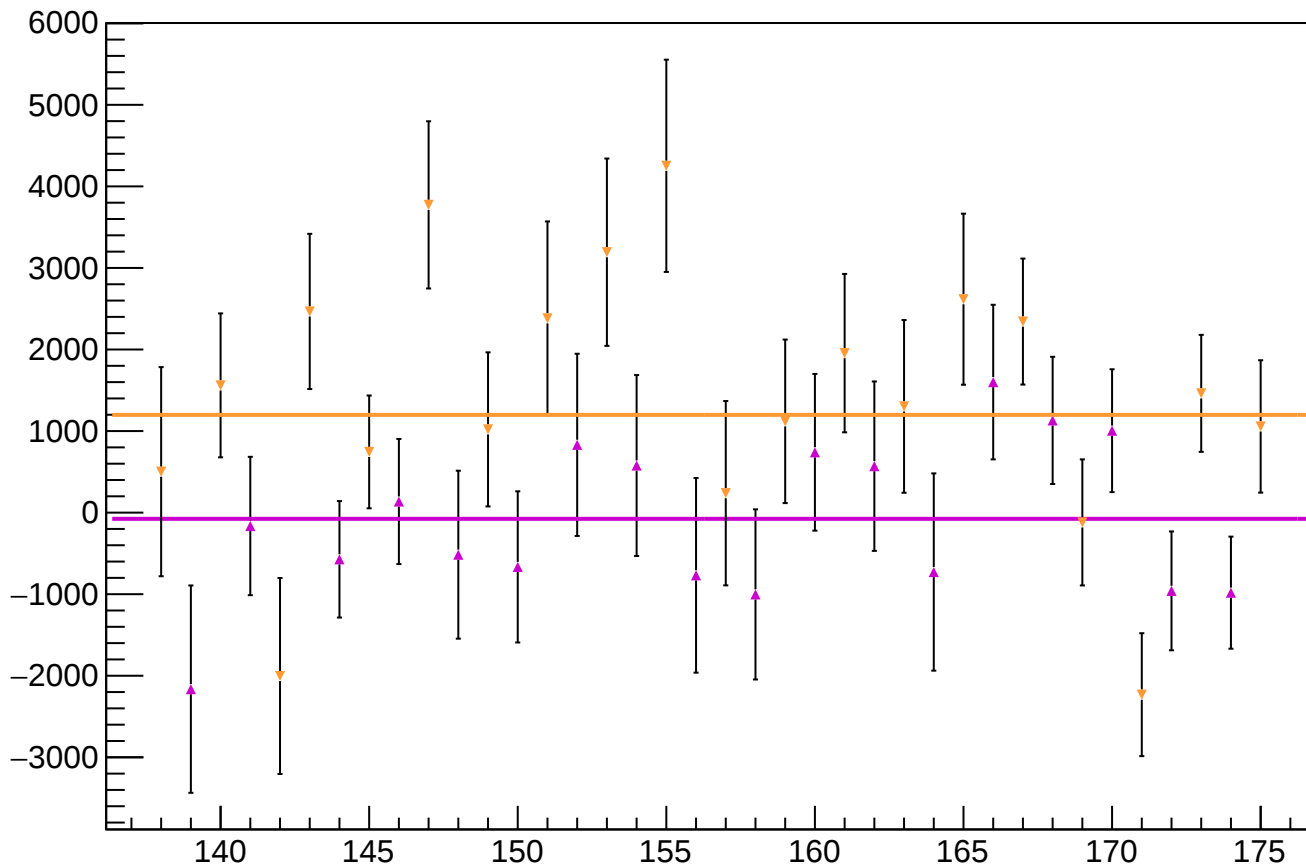
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 786.380+/-0.150 χ^2/NDF :949078.7/17

Out: 794.026+/-0.147 χ^2/NDF :1091942.6/19

All: 790.292+/-0.105 χ^2/NDF : 2042344.2/37

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1198.565+/-207.950 χ^2/NDF :54.8/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.953+/-212.096 χ^2/NDF :18.2/17

Left: 573.886+/-148.487 χ^2/NDF : 91.4/37

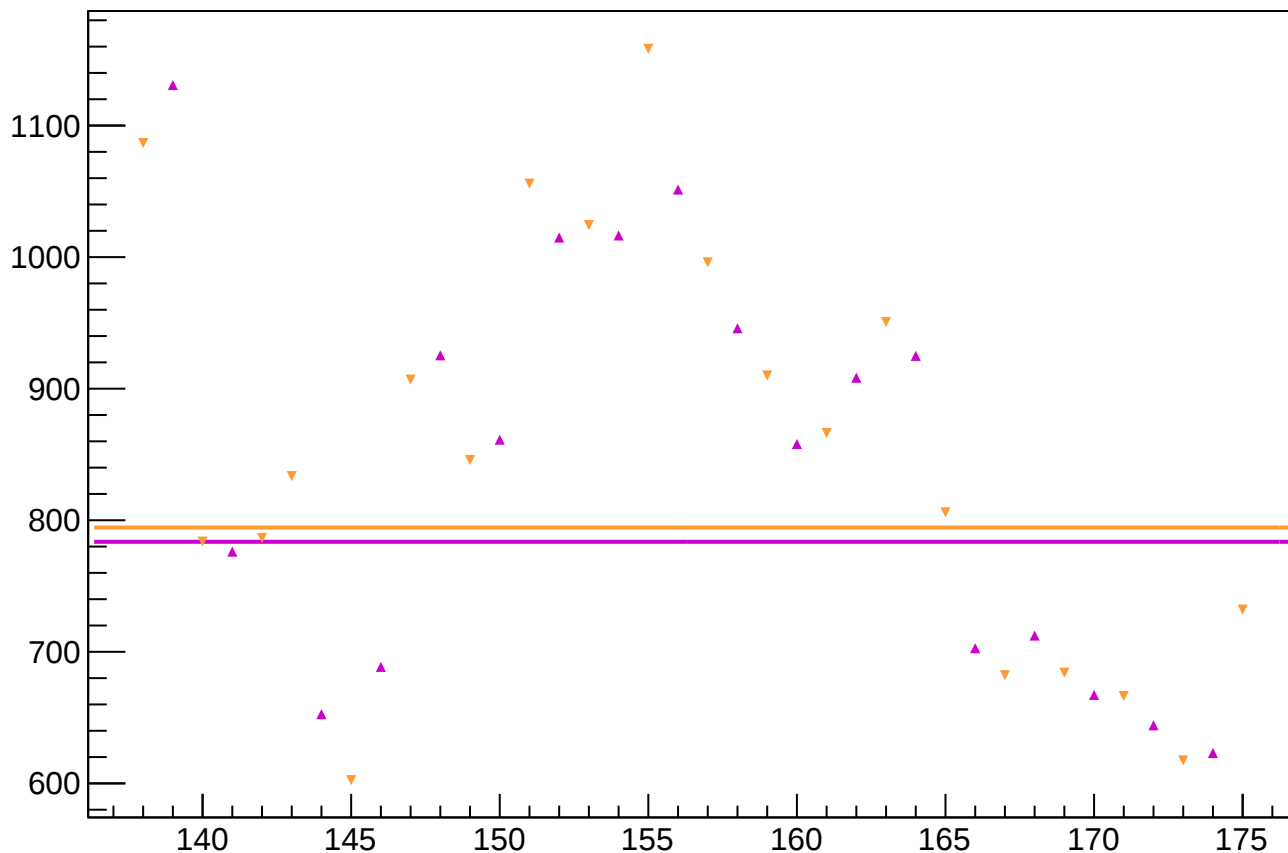
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.953+/-212.096 χ^2/NDF :18.2/17

Out: 1198.565+/-207.950 χ^2/NDF :54.8/19

All: 573.886+/-148.487 χ^2/NDF : 91.4/37

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 794.478+/-0.147 χ^2/NDF :1044427.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 783.618+/-0.150 χ^2/NDF :951896.4/17

Left: 789.155+/-0.105 χ^2/NDF : 1998997.3/37

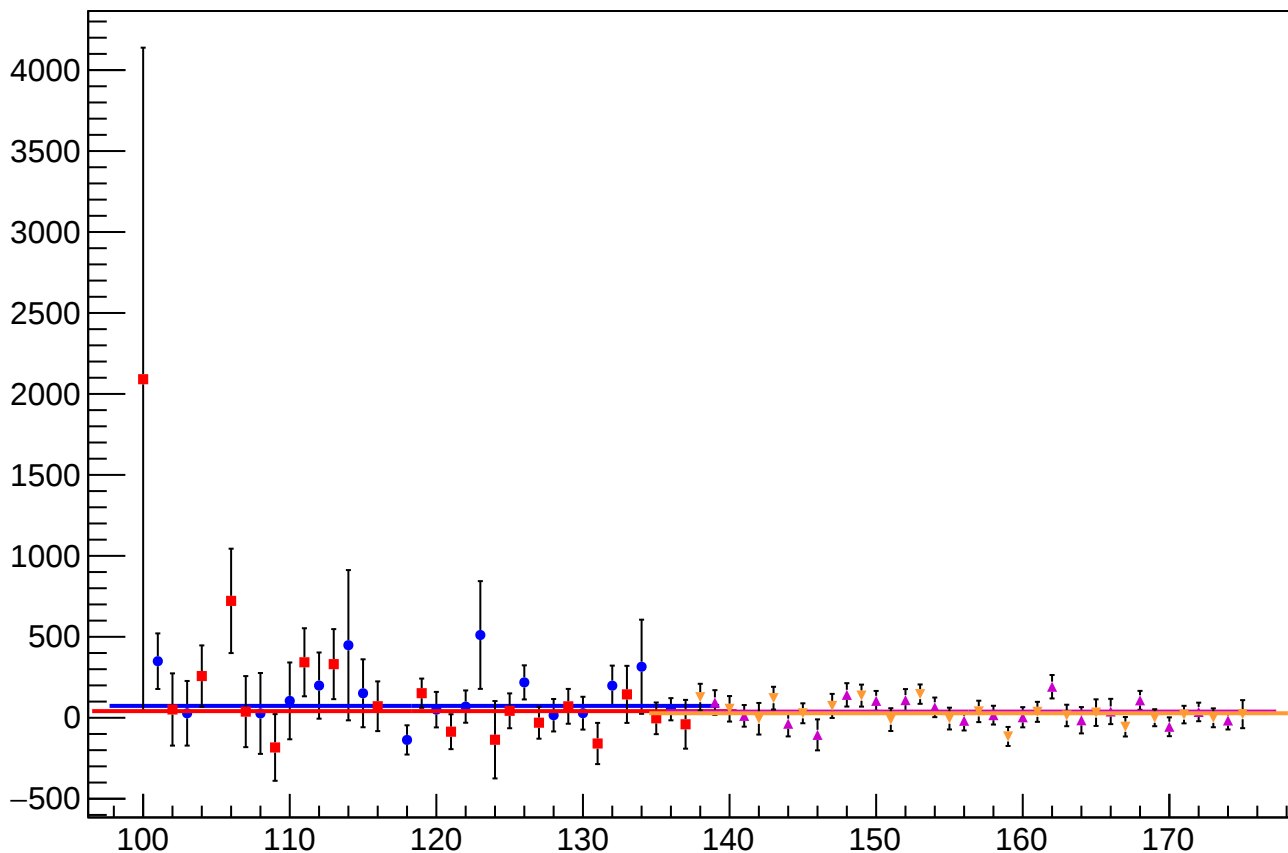
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 783.618+/-0.150 χ^2/NDF :951896.4/17

Out: 794.478+/-0.147 χ^2/NDF :1044427.5/19

All: 789.155+/-0.105 χ^2/NDF : 1998997.3/37

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448+/-31.060 χ^2/NDF : 15.3/16

Left Out: 27.981+/-14.837 χ^2/NDF : 19.3/19

Right Out: 41.118+/-32.741 χ^2/NDF : 19.2/18

Left In: 38.247+/-15.485 χ^2/NDF : 19.6/17

Left: 32.895+/-10.713 χ^2/NDF : 39.2/37

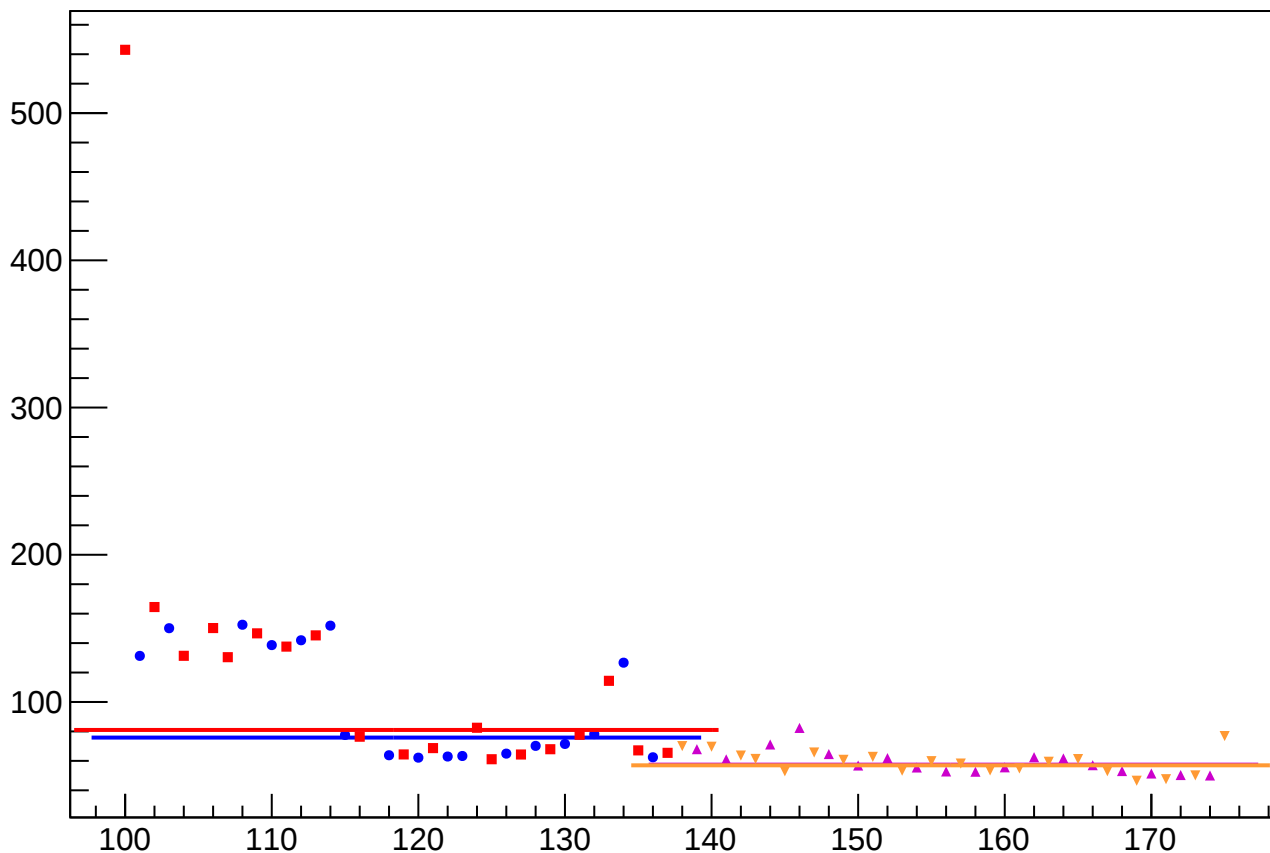
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 45.254+/-13.858 χ^2/NDF : 35.9/34

Out: 30.219+/-13.514 χ^2/NDF : 38.7/38

All: 37.548+/-9.675 χ^2/NDF : 75.2/73

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 56.977 $\pm$ 0.010 χ^2 /NDF: 484947.3/19

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 57.443 $\pm$ 0.011 χ^2 /NDF: 411847.2/17

Left: 57.200 $\pm$ 0.008 χ^2 /NDF: 897739.8/37

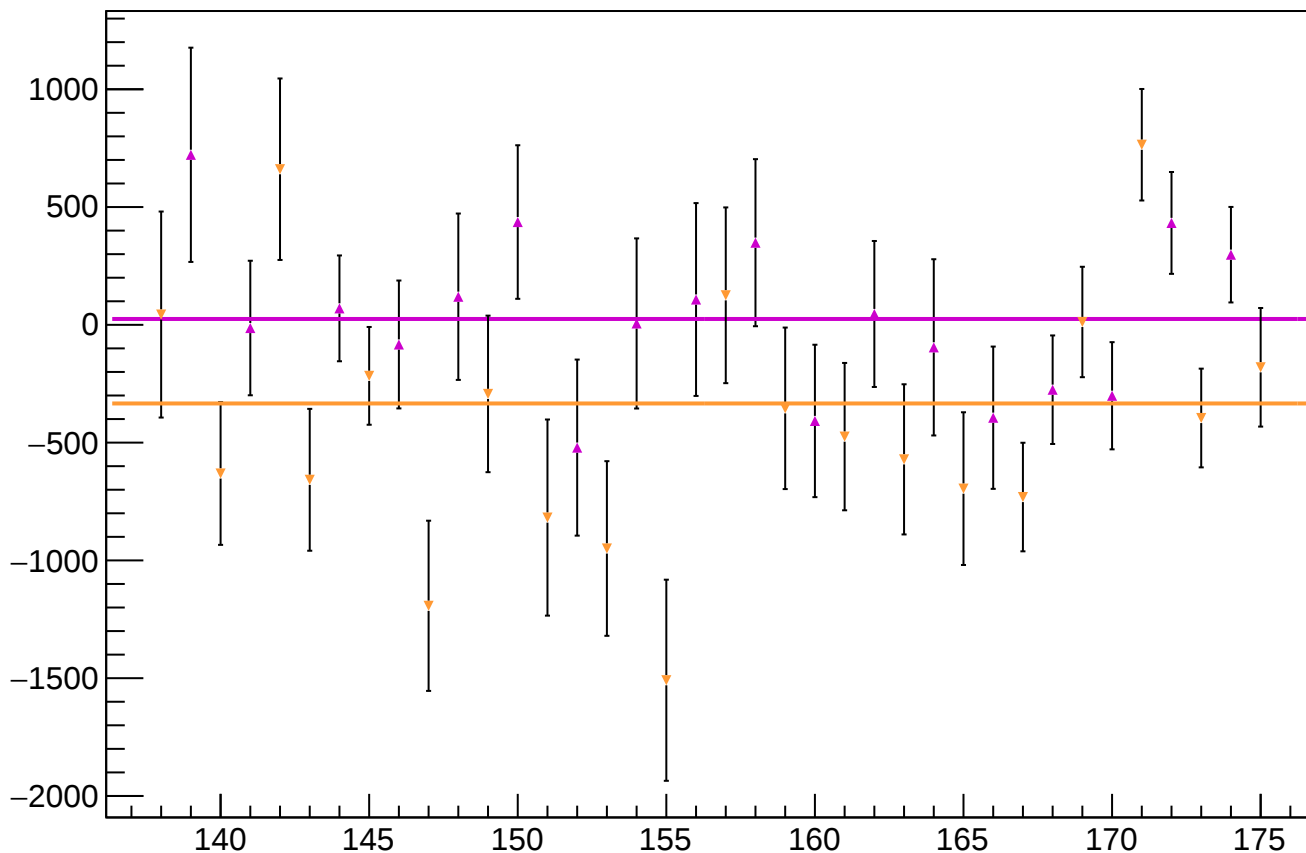
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 61.101 $\pm$ 0.010 χ^2 /NDF: 2322549.6/34

Out: 61.069 $\pm$ 0.010 χ^2 /NDF: 3006133.5/38

All: 61.085 $\pm$ 0.007 χ^2 /NDF: 5328688.4/73

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -333.797+/-65.783 χ^2/NDF :57.9/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.882+/-67.627 χ^2/NDF :20.2/17

Left: -159.417+/-47.154 χ^2/NDF : 92.5/37

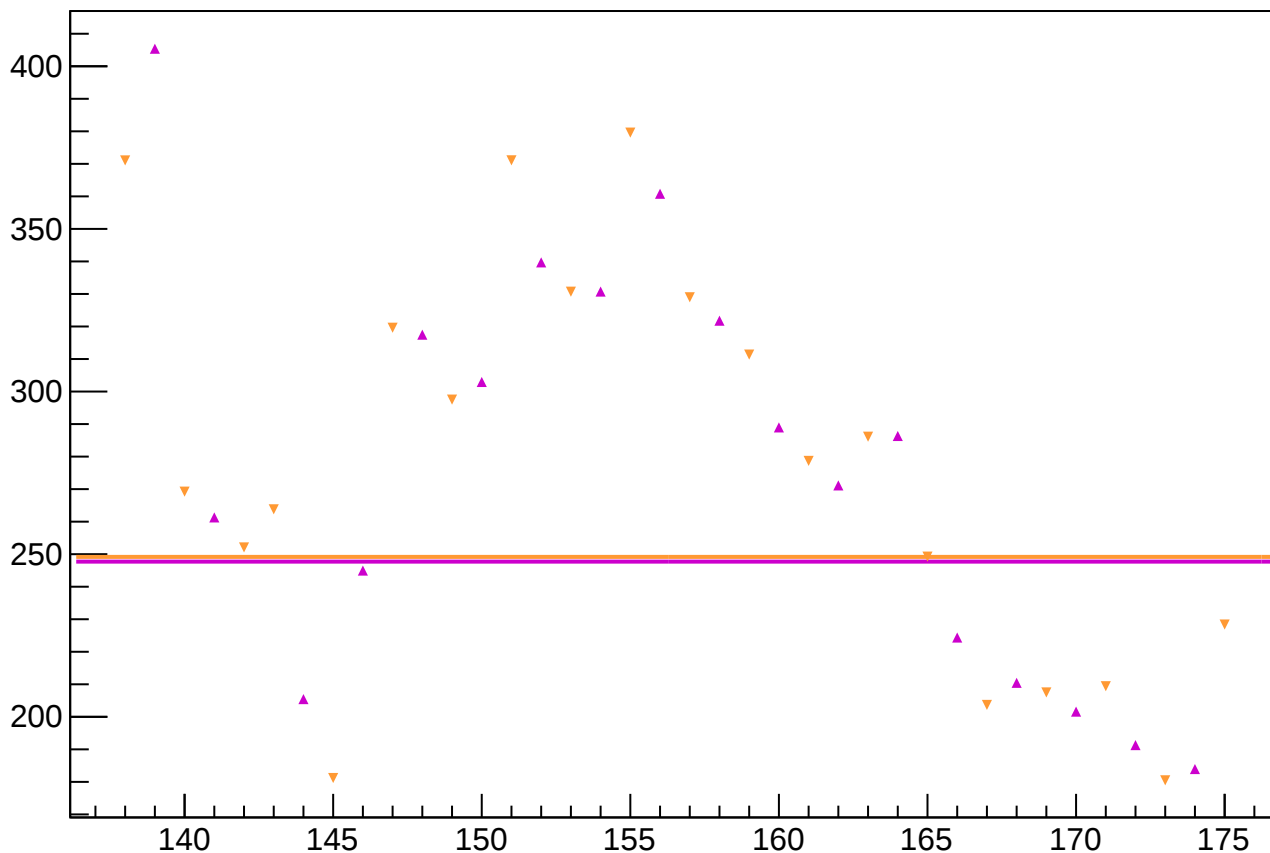
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.882+/-67.627 χ^2/NDF :20.2/17

Out: -333.797+/-65.783 χ^2/NDF :57.9/19

All: -159.417+/-47.154 χ^2/NDF : 92.5/37

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 249.169+/-0.047 χ^2/NDF :1585303.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.714+/-0.048 χ^2/NDF :1464128.3/17

Left: 248.462+/-0.033 χ^2/NDF : 3049907.4/37

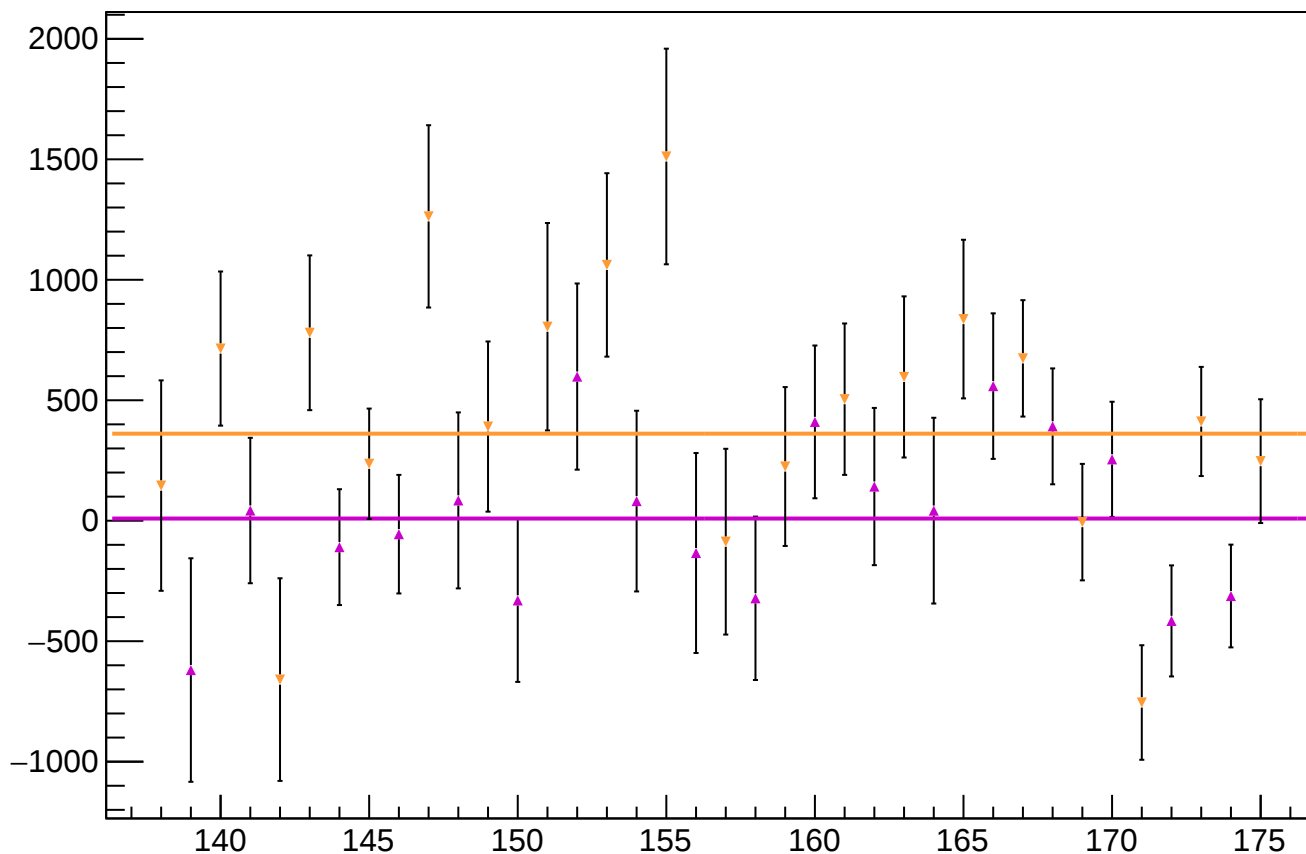
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.714+/-0.048 χ^2/NDF :1464128.3/17

Out: 249.169+/-0.047 χ^2/NDF :1585303.6/19

All: 248.462+/-0.033 χ^2/NDF : 3049907.4/37

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 361.354+/-68.597 χ^2/NDF :56.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.074+/-69.565 χ^2/NDF :21.0/17

Left: 187.683+/-48.844 χ^2/NDF : 90.7/37

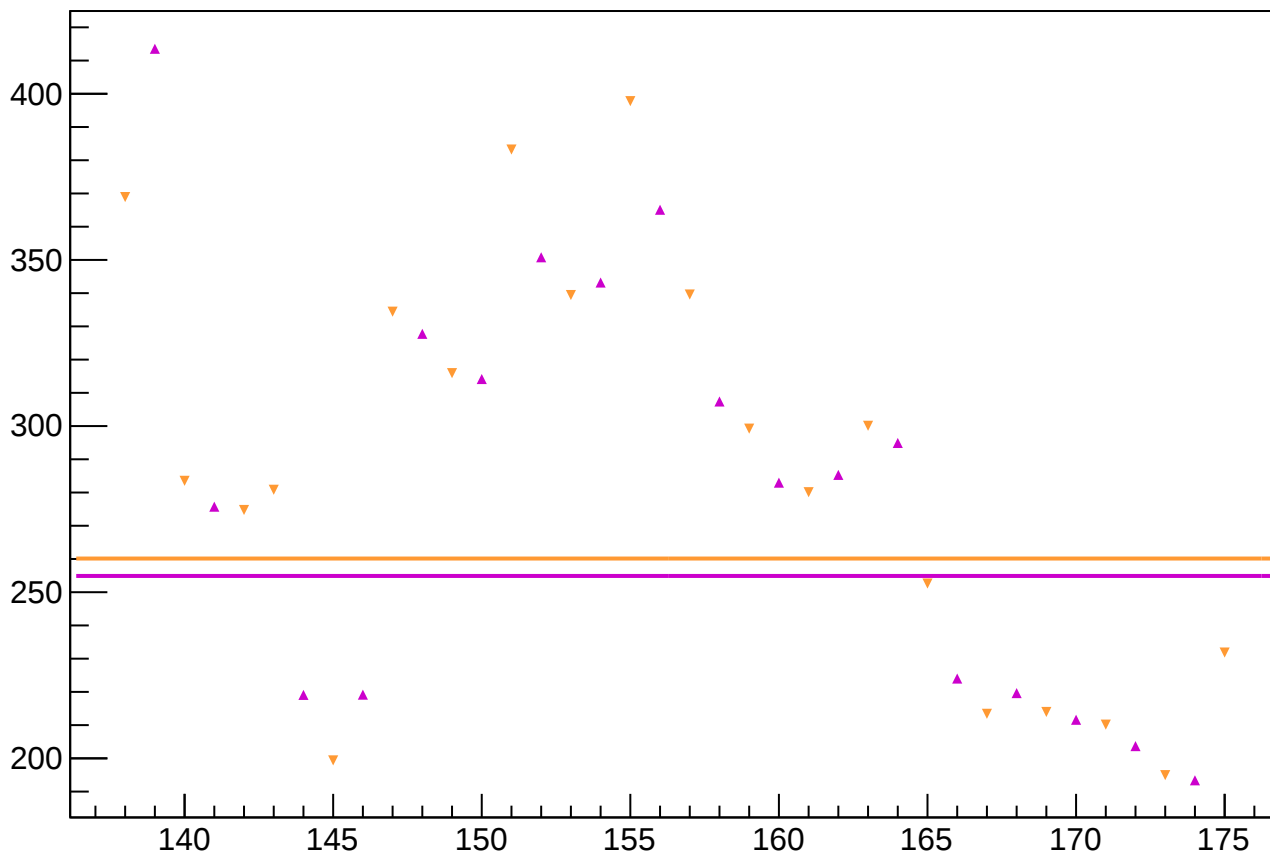
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.074+/-69.565 χ^2/NDF :21.0/17

Out: 361.354+/-68.597 χ^2/NDF :56.7/19

All: 187.683+/-48.844 χ^2/NDF : 90.7/37

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 260.134+/-0.049 χ^2/NDF :1429534.4/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 254.895+/-0.049 χ^2/NDF :1343363.2/17

Left: 257.551+/-0.035 χ^2/NDF : 2778647.5/37

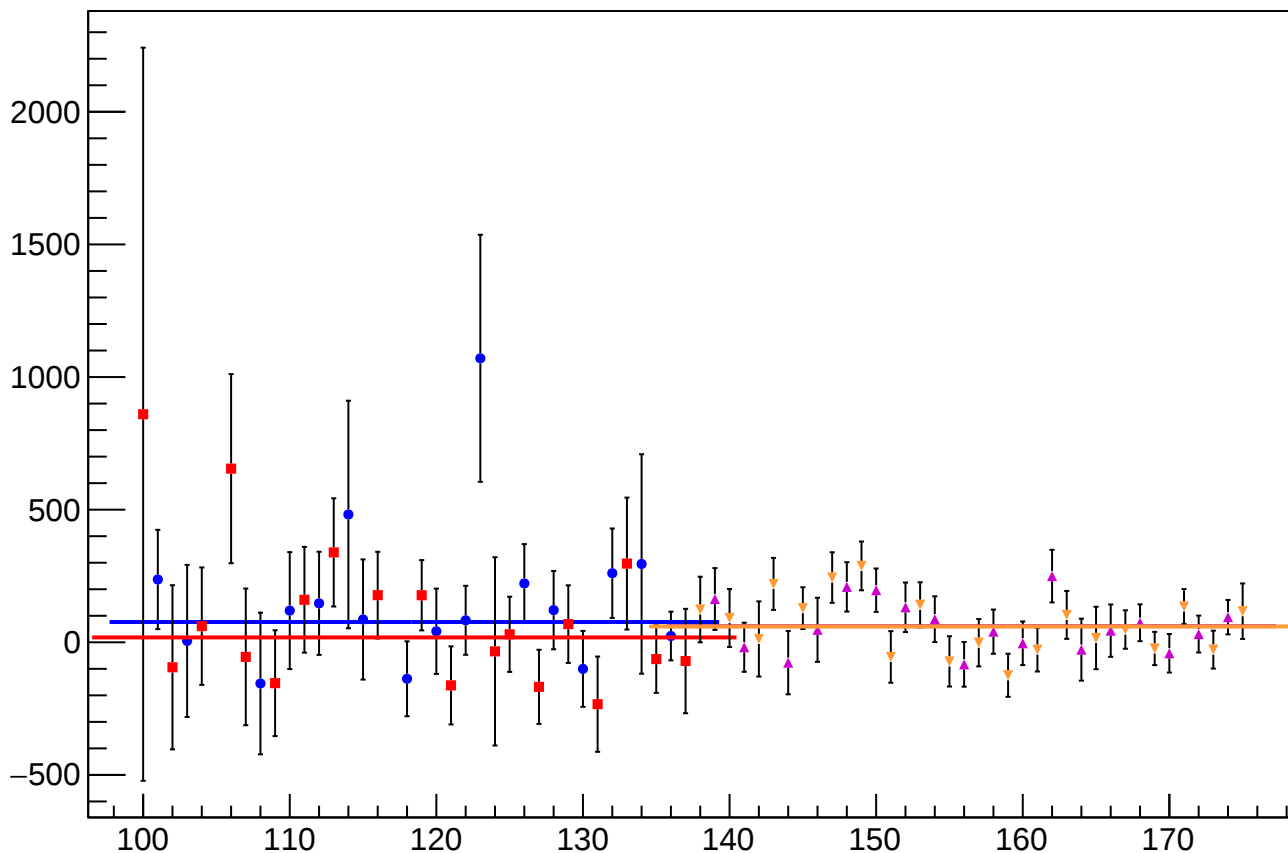
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 254.895+/-0.049 χ^2/NDF :1343363.2/17

Out: 260.134+/-0.049 χ^2/NDF :1429534.4/19

All: 257.551+/-0.035 χ^2/NDF : 2778647.5/37

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 59.700 $\pm$ 19.500 χ^2 /NDF:30.0/19

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 60.863 $\pm$ 20.436 χ^2 /NDF:19.1/17

Left: 60.254 $\pm$ 14.108 χ^2 /NDF: 49.1/37

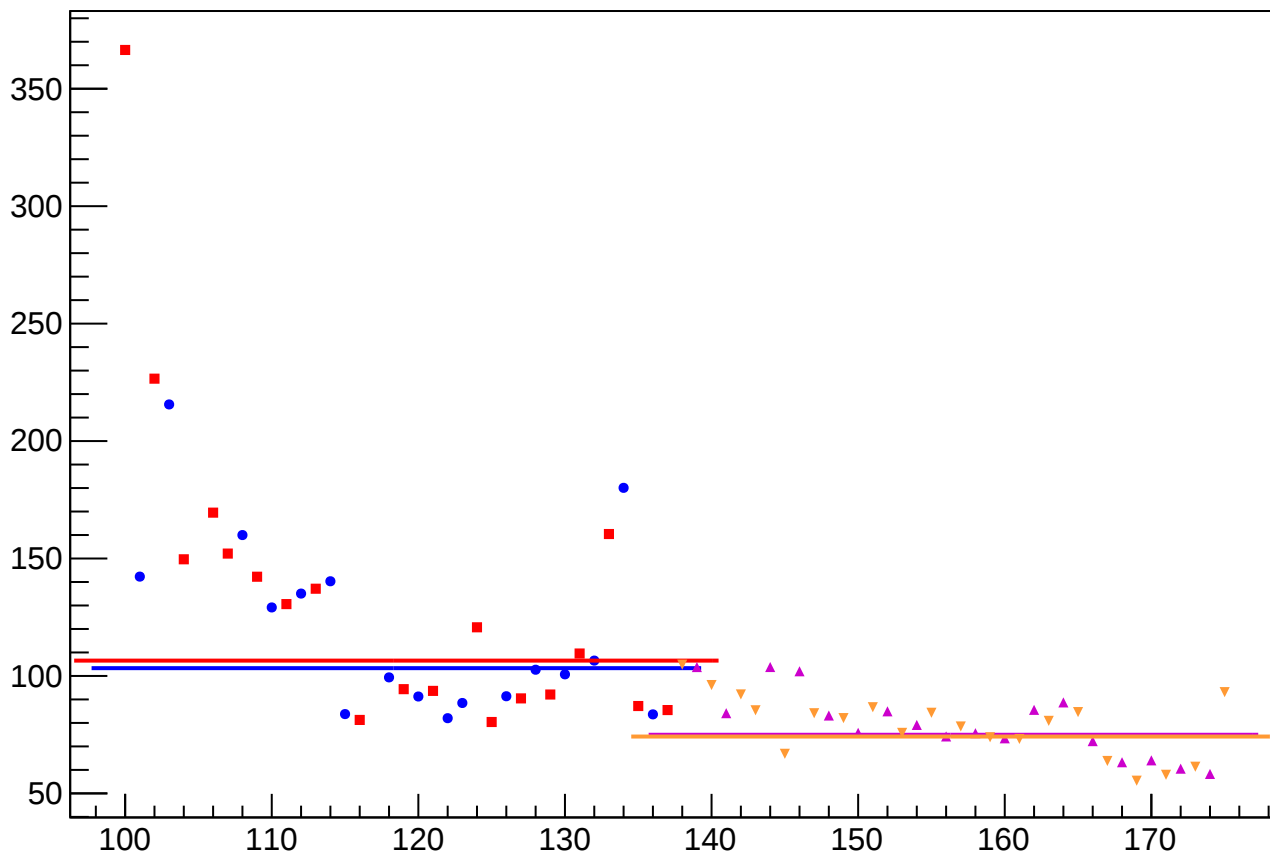
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 63.909 $\pm$ 18.338 χ^2 /NDF:33.1/34

Out: 52.454 $\pm$ 17.707 χ^2 /NDF:48.0/38

All: 57.981 $\pm$ 12.738 χ^2 /NDF: 81.3/73

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.204 $\pm$ 0.014 χ^2 /NDF: 876026.7/19

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 74.959 $\pm$ 0.014 χ^2 /NDF: 775325.2/17

Left: 74.564 $\pm$ 0.010 χ^2 /NDF: 1652781.4/37

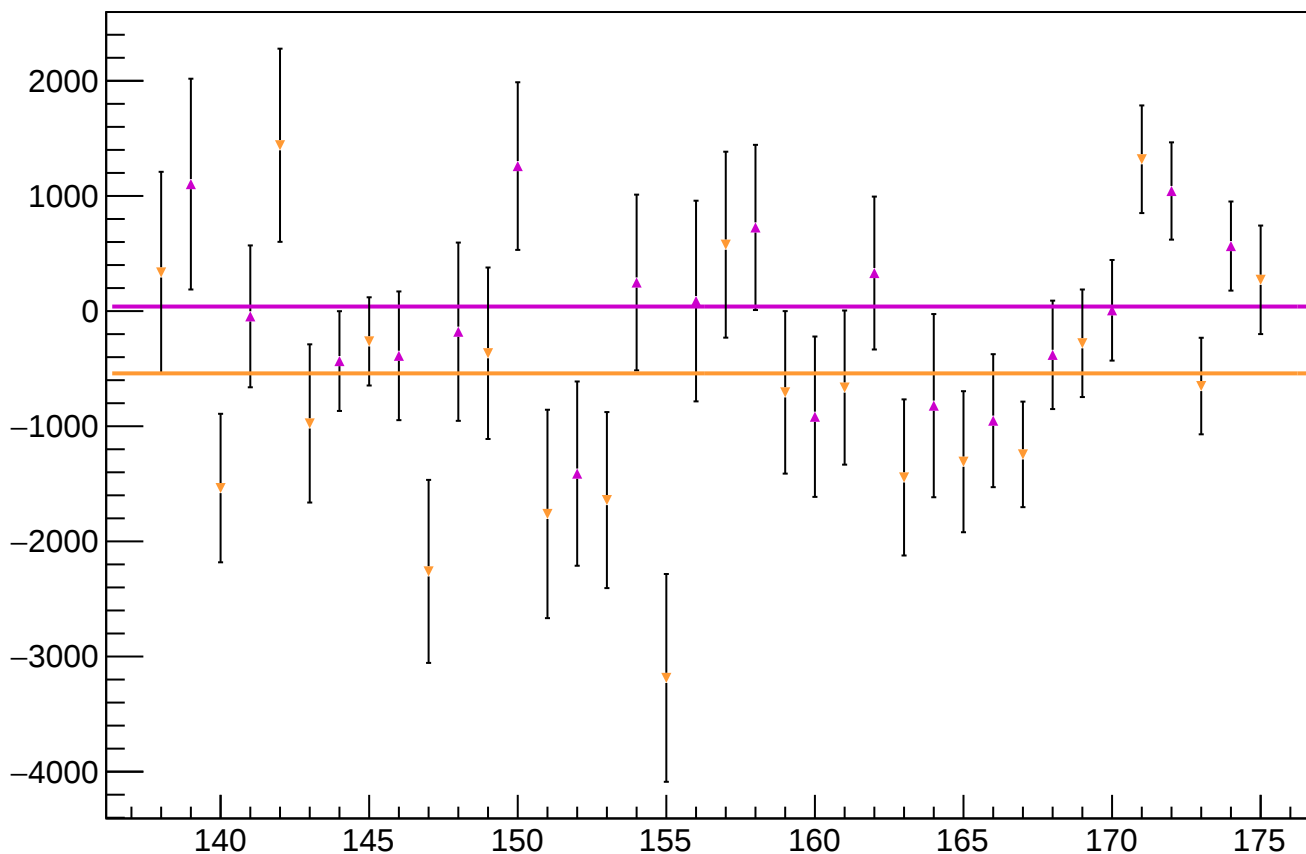
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 80.481 $\pm$ 0.013 χ^2 /NDF: 2363110.6/34

Out: 79.875 $\pm$ 0.013 χ^2 /NDF: 2911894.6/38

All: 80.167 $\pm$ 0.009 χ^2 /NDF: 5276136.3/73

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -540.886+/-133.223 χ^2/NDF :54.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.574+/-136.853 χ^2/NDF :24.8/17

Left: -258.456+/-95.460 χ^2/NDF : 88.0/37

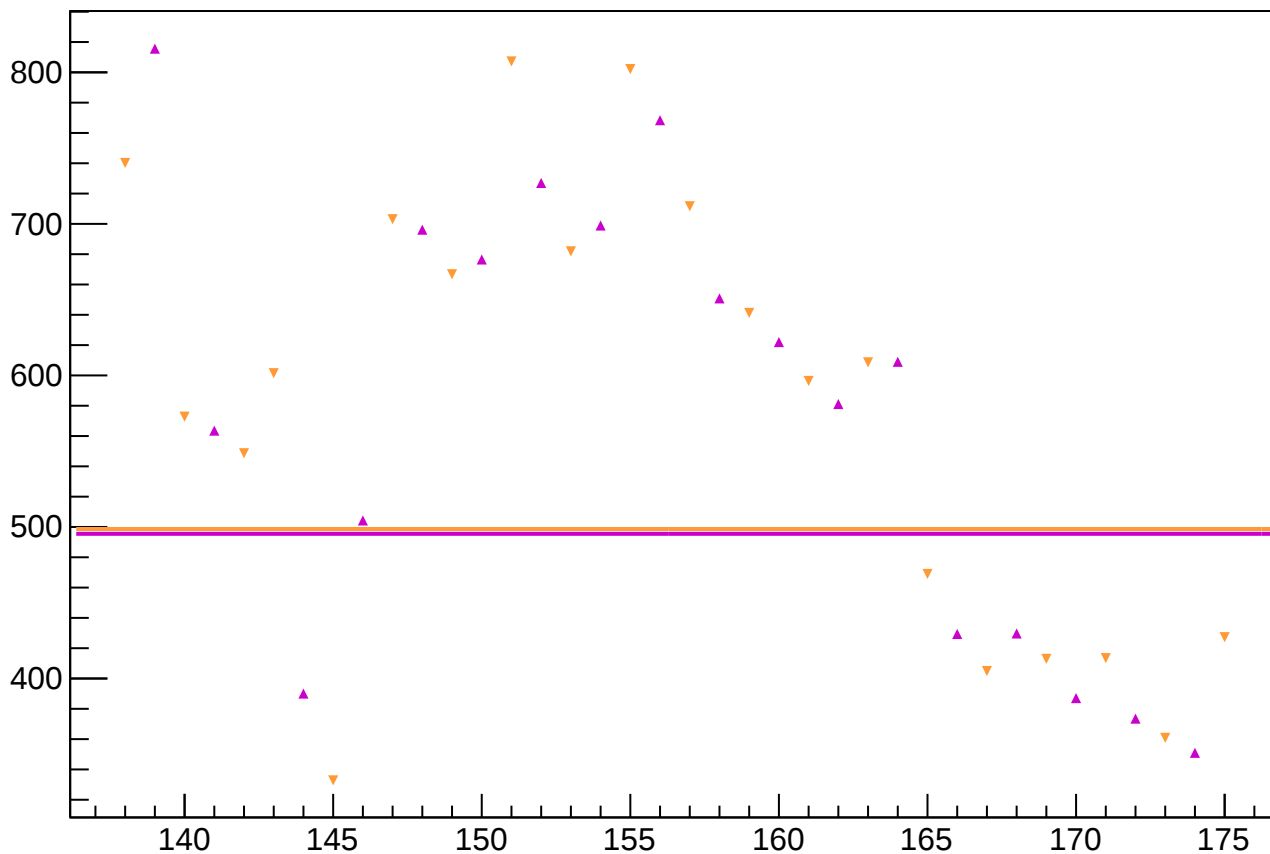
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.574+/-136.853 χ^2/NDF :24.8/17

Out: -540.886+/-133.223 χ^2/NDF :54.0/19

All: -258.456+/-95.460 χ^2/NDF : 88.0/37

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 498.658+/-0.094 χ^2/NDF :2213961.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 495.487+/-0.097 χ^2/NDF :2019686.6/17

Left: 497.115+/-0.068 χ^2/NDF : 4234199.6/37

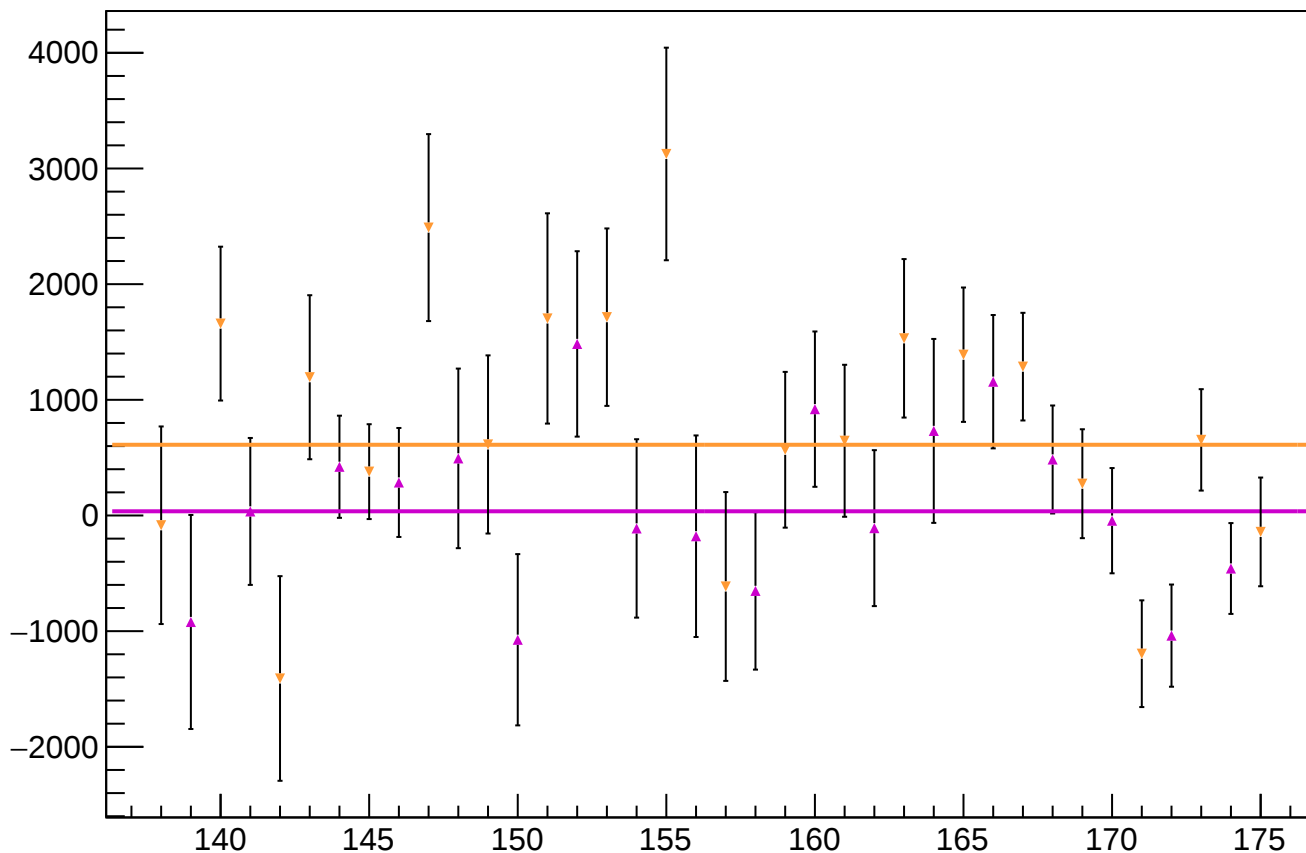
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 495.487+/-0.097 χ^2/NDF :2019686.6/17

Out: 498.658+/-0.094 χ^2/NDF :2213961.6/19

All: 497.115+/-0.068 χ^2/NDF : 4234199.6/37

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 611.445+/-135.045 χ^2/NDF :52.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 36.327+/-136.697 χ^2/NDF :23.9/17

Left: 327.383+/-96.070 χ^2/NDF : 85.0/37

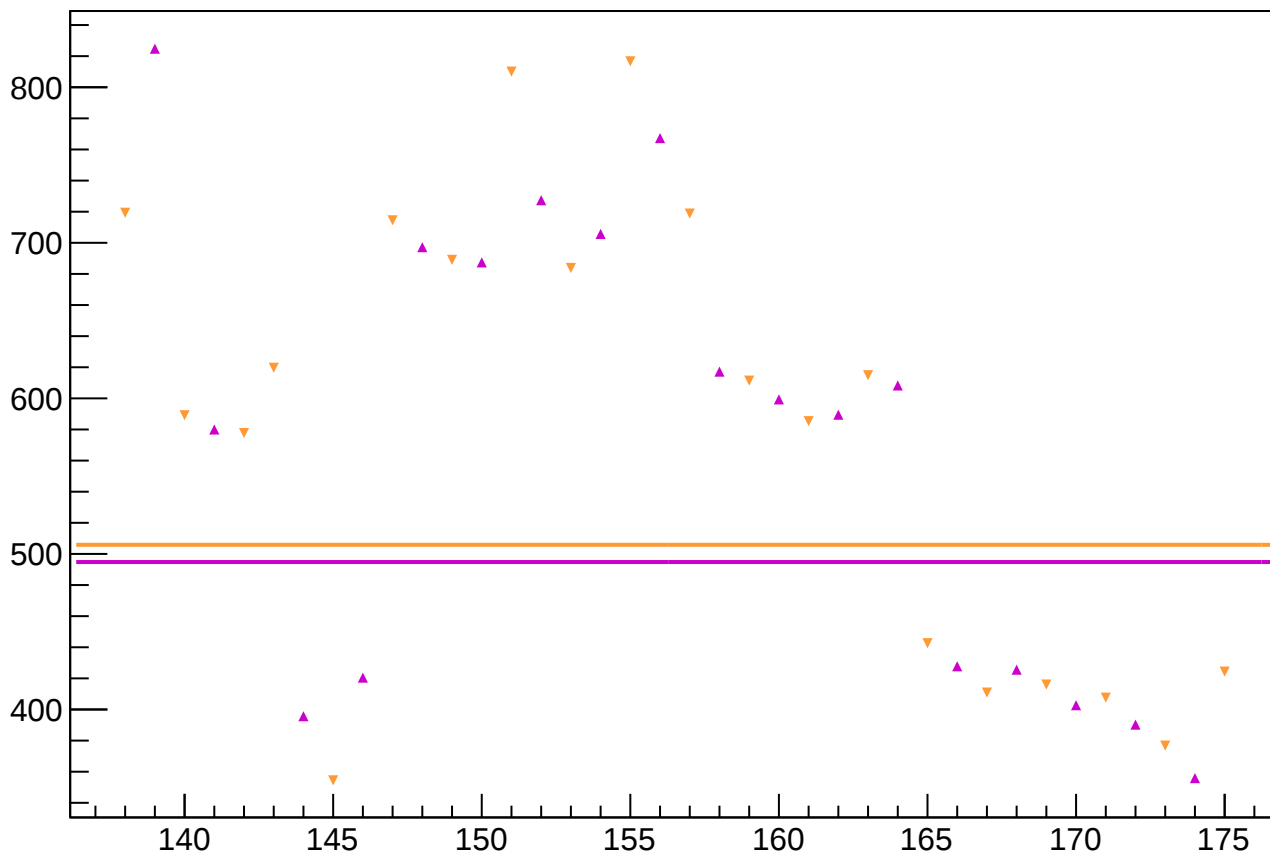
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.327+/-136.697 χ^2/NDF :23.9/17

Out: 611.445+/-135.045 χ^2/NDF :52.1/19

All: 327.383+/-96.070 χ^2/NDF : 85.0/37

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 505.868+/-0.095 χ^2/NDF :2069884.9/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 494.793+/-0.097 χ^2/NDF :1934397.0/17

Left: 500.398+/-0.068 χ^2/NDF : 4010925.4/37

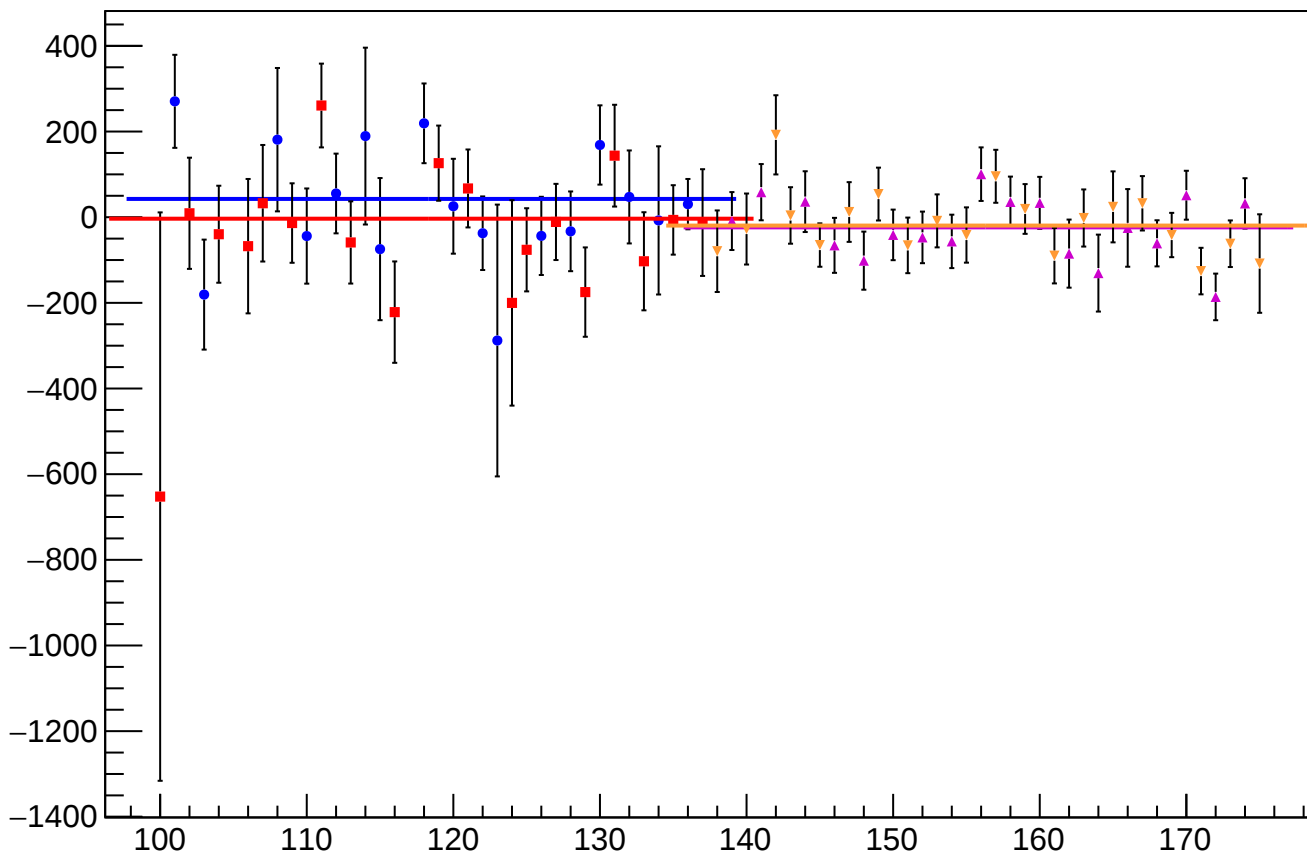
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 494.793+/-0.097 χ^2/NDF :1934397.0/17

Out: 505.868+/-0.095 χ^2/NDF :2069884.9/19

All: 500.398+/-0.068 χ^2/NDF : 4010925.4/37

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 χ^2/NDF : 18.9/16

Left Out: -19.564 ± 14.525 χ^2/NDF : 20.2/19

Right Out: -3.503 ± 25.070 χ^2/NDF : 21.4/18

Left In: -23.773 ± 15.034 χ^2/NDF : 24.5/17

Left: -21.596 ± 10.446 χ^2/NDF : 44.7/37

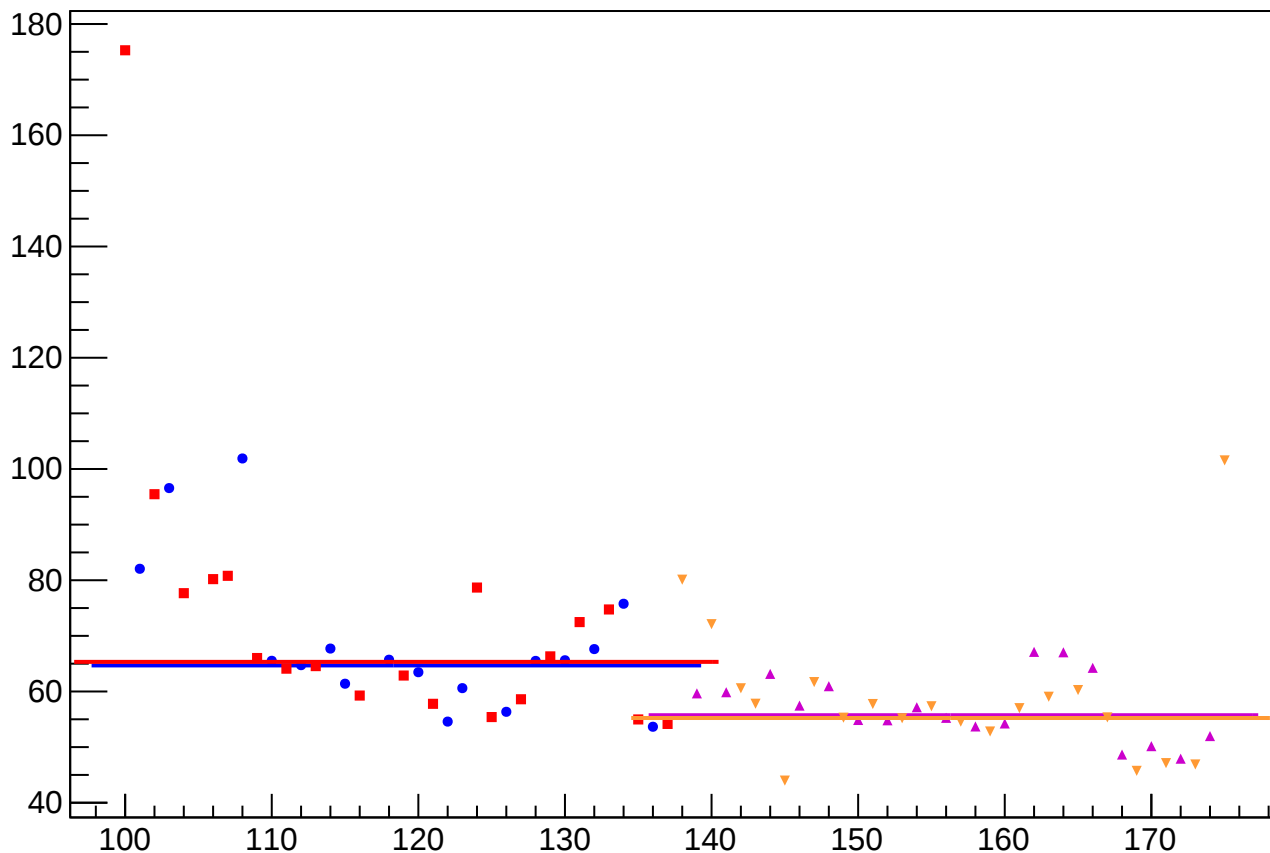
Right: 19.196 ± 17.872 χ^2/NDF : 41.9/35

In: -6.625 ± 12.949 χ^2/NDF : 48.3/34

Out: -15.527 ± 12.568 χ^2/NDF : 41.9/38

All: -11.209 ± 9.019 χ^2/NDF : 90.4/73

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 55.232 $\pm$ 0.010 χ^2 /NDF: 852509.9/19

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 55.733 $\pm$ 0.011 χ^2 /NDF: 248740.4/17

Left: 55.474 $\pm$ 0.007 χ^2 /NDF: 1102398.5/37

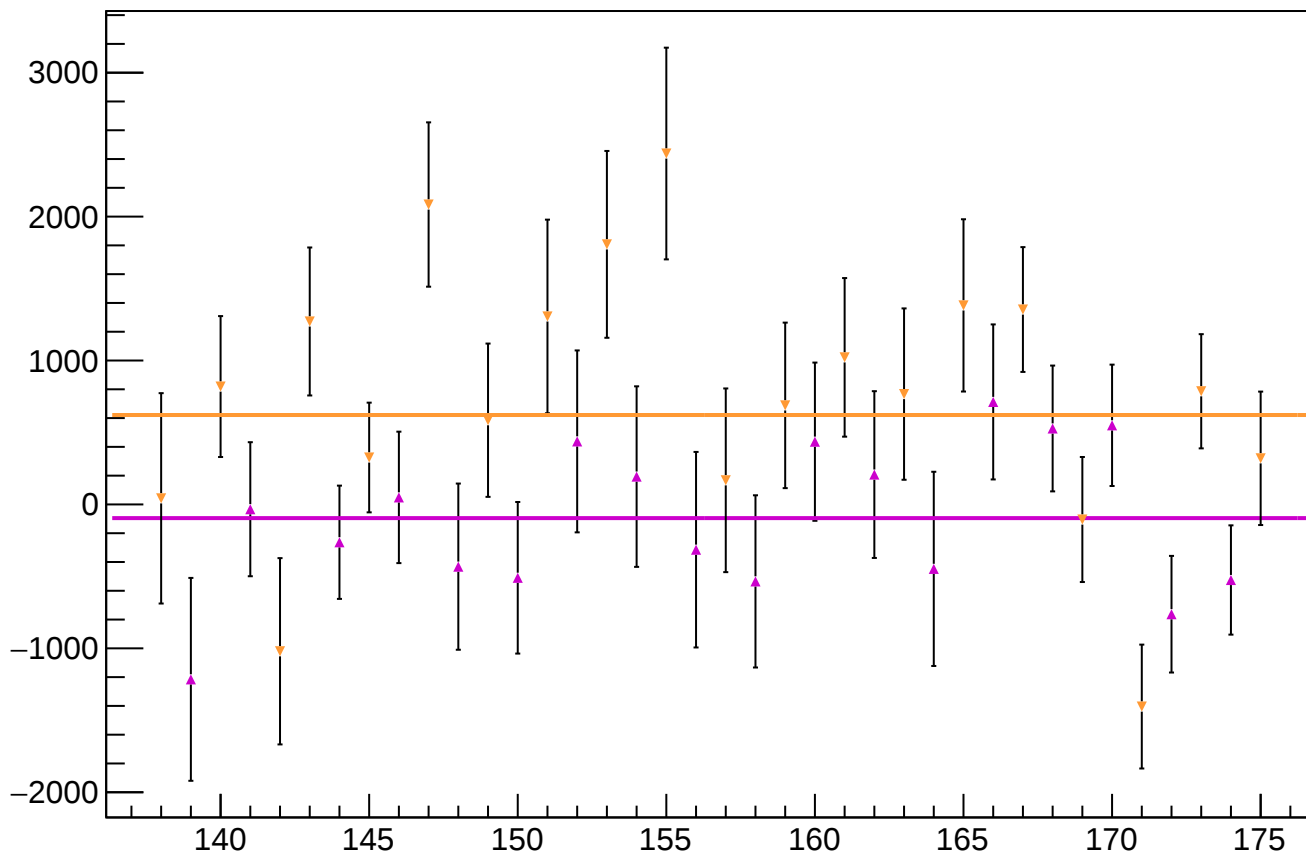
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 58.044 $\pm$ 0.009 χ^2 /NDF: 832008.0/34

Out: 57.769 $\pm$ 0.009 χ^2 /NDF: 1454741.5/38

All: 57.902 $\pm$ 0.006 χ^2 /NDF: 2287215.8/73

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 621.340+/-116.621 χ^2/NDF :57.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -95.106+/-119.267 χ^2/NDF :17.4/17

Left: 271.155+/-83.383 χ^2/NDF : 93.5/37

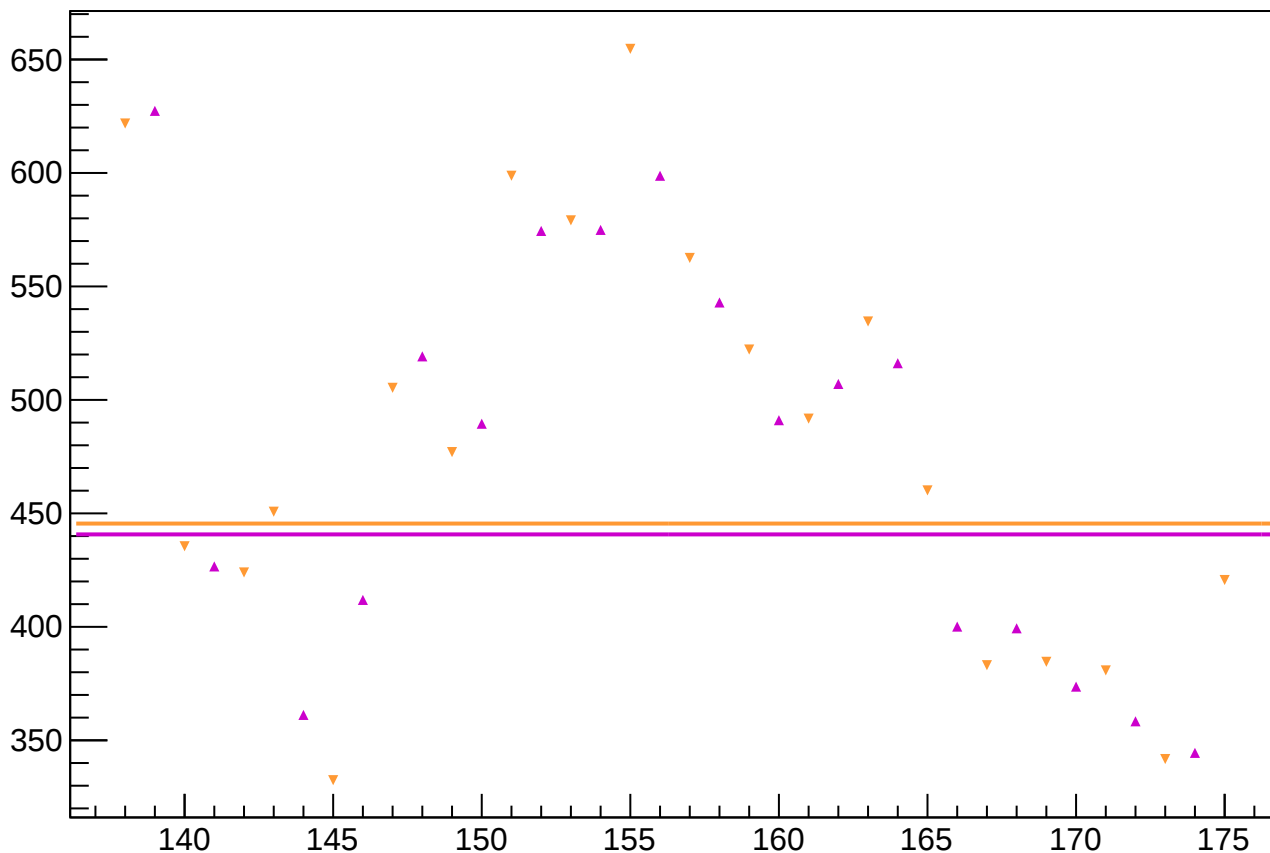
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.106+/-119.267 χ^2/NDF :17.4/17

Out: 621.340+/-116.621 χ^2/NDF :57.6/19

All: 271.155+/-83.383 χ^2/NDF : 93.5/37

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 445.511+/-0.082 χ^2/NDF :1106243.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 440.737+/-0.084 χ^2/NDF :992381.0/17

Left: 443.177+/-0.059 χ^2/NDF : 2100262.1/37

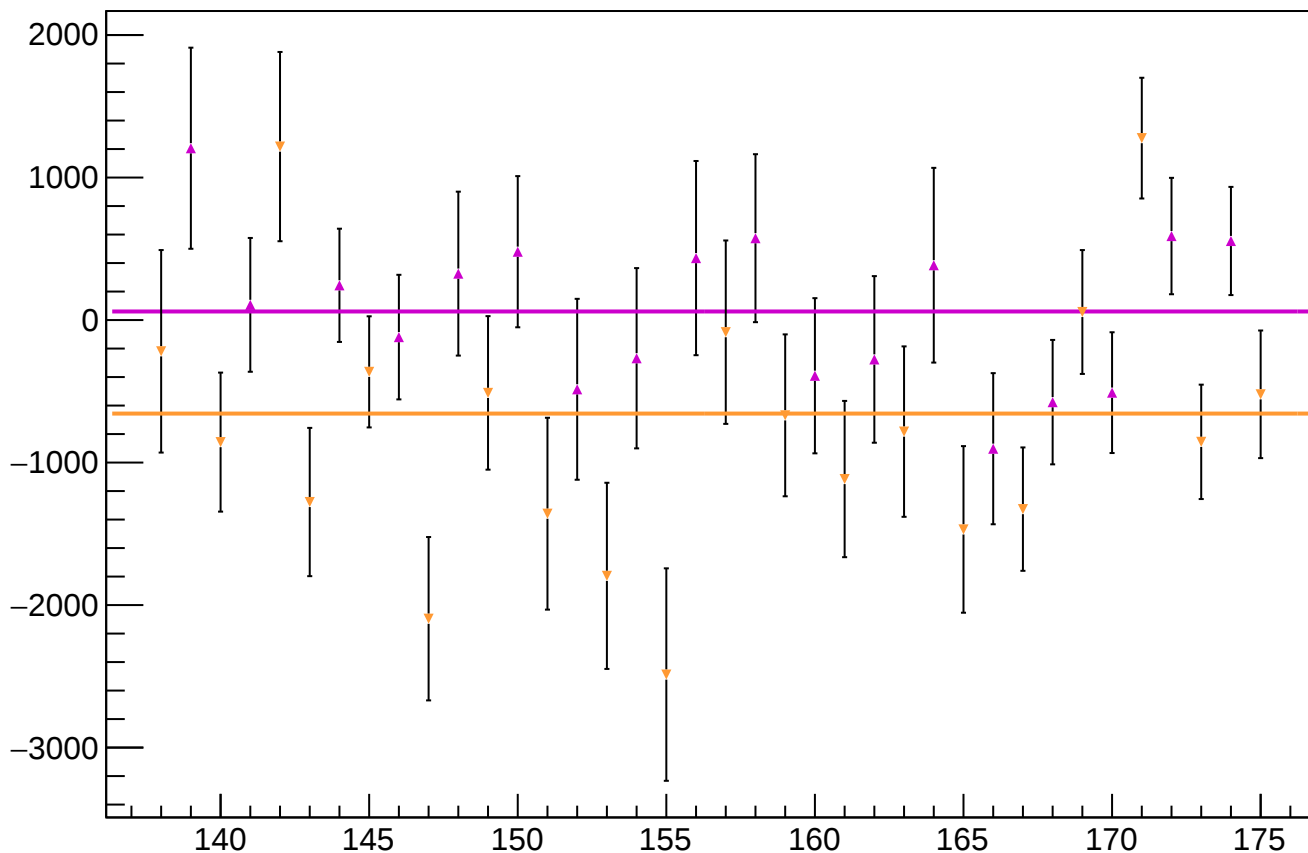
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.737+/-0.084 χ^2/NDF :992381.0/17

Out: 445.511+/-0.082 χ^2/NDF :1106243.0/19

All: 443.177+/-0.059 χ^2/NDF : 2100262.1/37

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -656.247+/-116.622 χ^2/NDF :56.8/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 60.206+/-119.137 χ^2/NDF :17.8/17

Left: -305.664+/-83.339 χ^2/NDF : 93.0/37

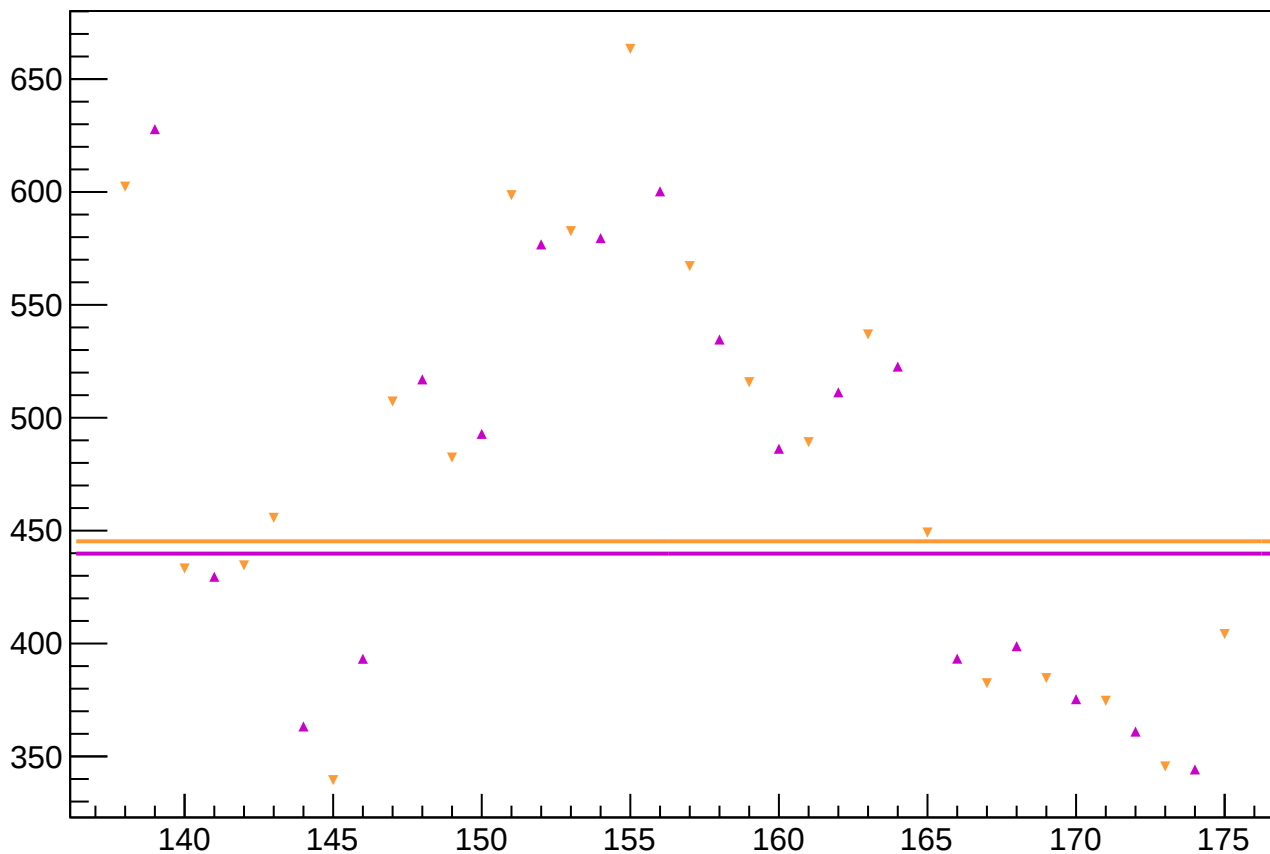
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.206+/-119.137 χ^2/NDF :17.8/17

Out: -656.247+/-116.622 χ^2/NDF :56.8/19

All: -305.664+/-83.339 χ^2/NDF : 93.0/37

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 445.276+/-0.082 χ^2/NDF :1083149.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 439.820+/-0.084 χ^2/NDF :1003890.3/17

Left: 442.606+/-0.059 χ^2/NDF : 2089181.3/37

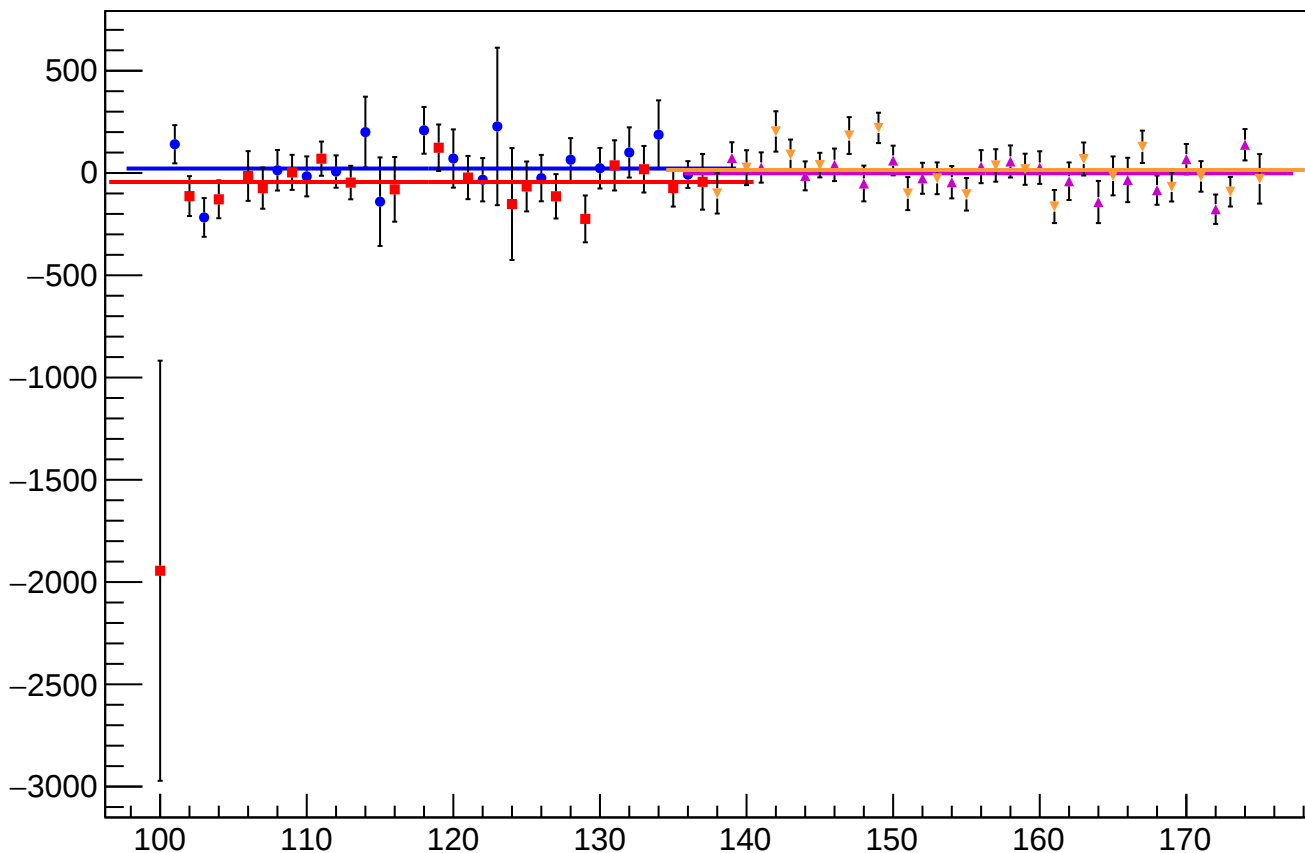
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 439.820+/-0.084 χ^2/NDF :1003890.3/17

Out: 445.276+/-0.082 χ^2/NDF :1083149.5/19

All: 442.606+/-0.059 χ^2/NDF : 2089181.3/37

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 14.669 $\pm$ 17.880 χ^2 /NDF:33.3/19

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: -1.270 $\pm$ 18.653 χ^2 /NDF:17.3/17

Left: 7.037 $\pm$ 12.908 χ^2 /NDF: 50.9/37

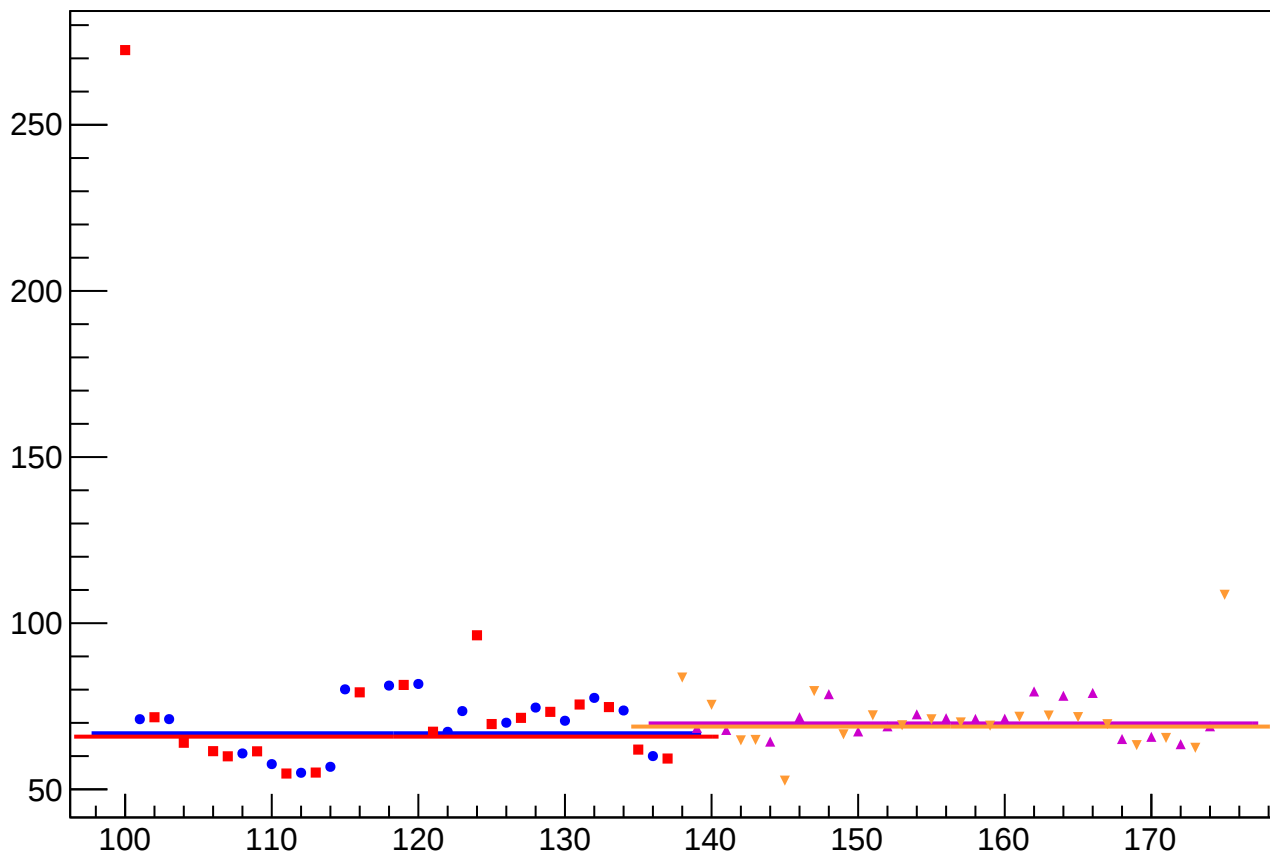
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 6.584 $\pm$ 15.167 χ^2 /NDF:32.9/34

Out: -5.056 $\pm$ 14.564 χ^2 /NDF:50.2/38

All: 0.528 $\pm$ 10.505 χ^2 /NDF: 83.4/73

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 68.885 $\pm$ 0.013 χ^2/NDF : 503689.2/19

Right Out: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

Left In: 69.835 $\pm$ 0.013 χ^2/NDF : 121375.9/17

Left: 69.340 $\pm$ 0.009 χ^2/NDF : 627772.6/37

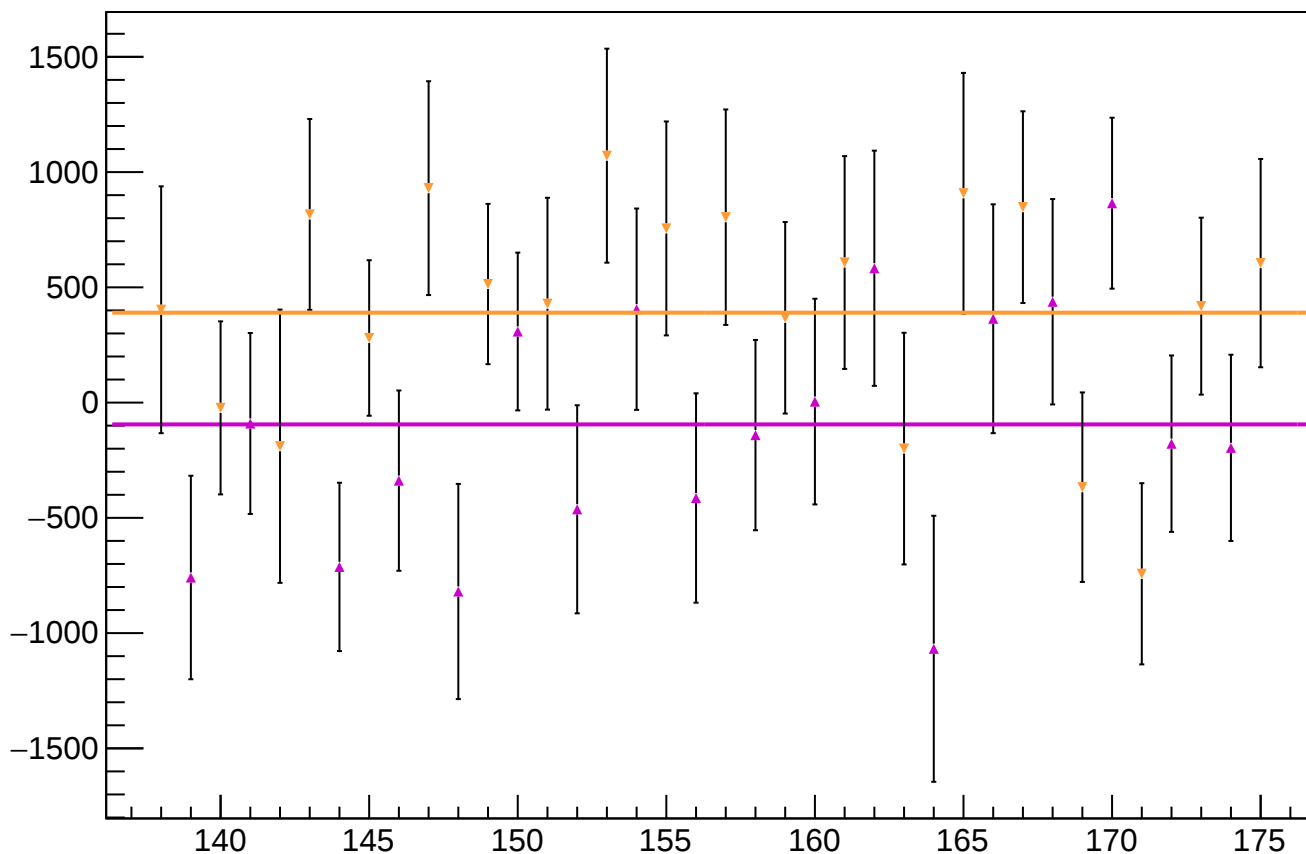
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 68.831 $\pm$ 0.011 χ^2/NDF : 340996.2/34

Out: 67.865 $\pm$ 0.010 χ^2/NDF : 822896.9/38

All: 68.329 $\pm$ 0.007 χ^2/NDF : 1168116.1/73

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 390.109+/-96.427 χ^2/NDF :24.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -94.622+/-99.583 χ^2/NDF :25.5/17

Left: 155.545+/-69.273 χ^2/NDF : 61.9/37

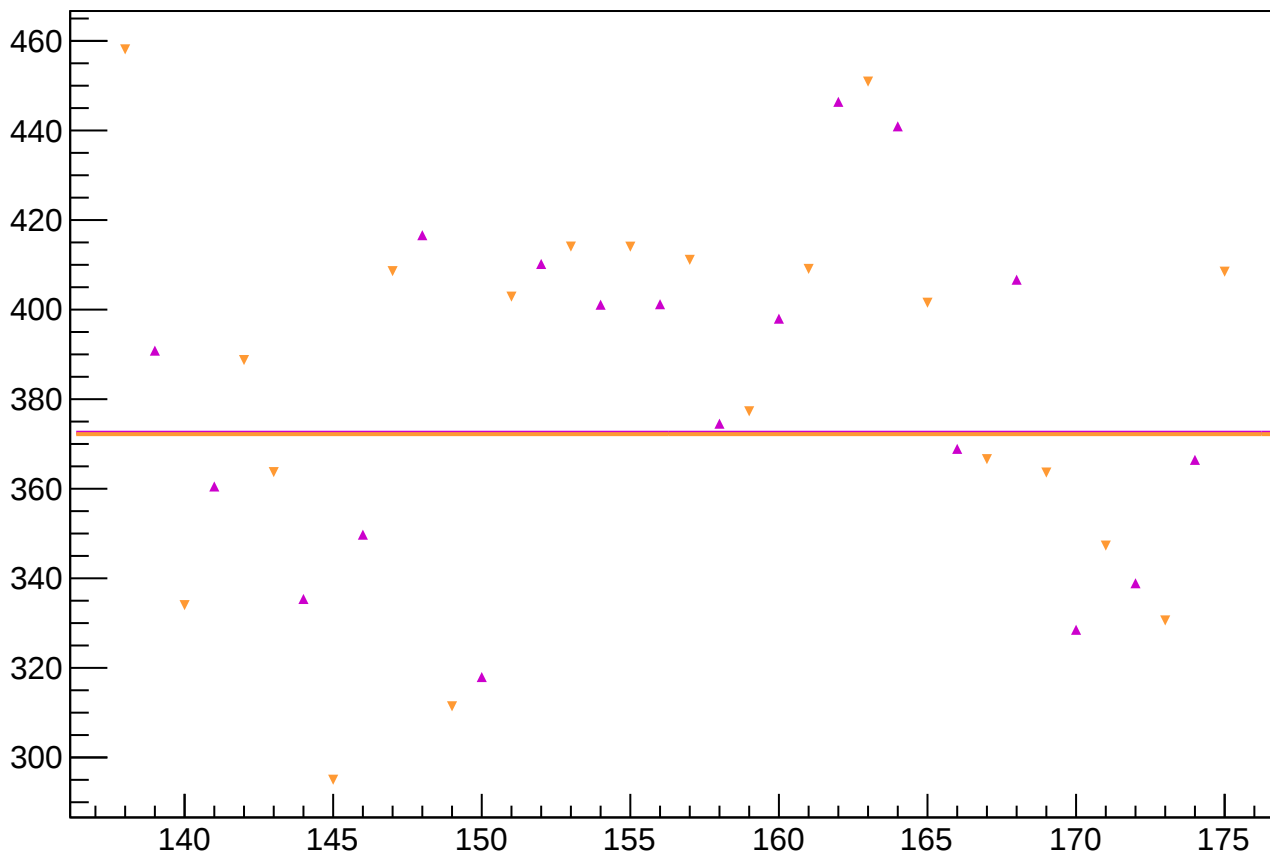
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -94.622+/-99.583 χ^2/NDF :25.5/17

Out: 390.109+/-96.427 χ^2/NDF :24.1/19

All: 155.545+/-69.273 χ^2/NDF : 61.9/37

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 372.193+/-0.068 χ^2/NDF : 422114.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.510+/-0.070 χ^2/NDF : 264459.9/17

Left: 372.346+/-0.049 χ^2/NDF : 686584.9/37

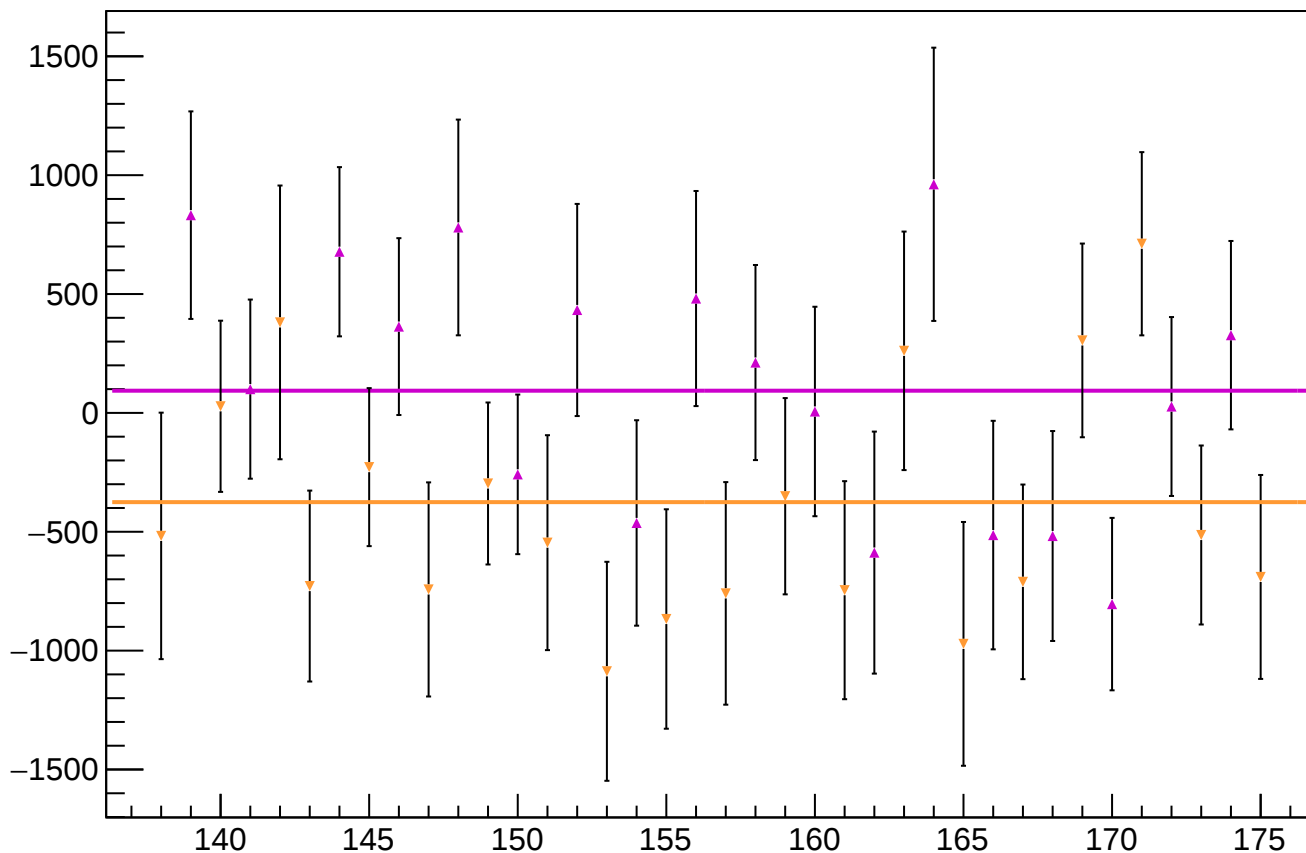
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.510+/-0.070 χ^2/NDF : 264459.9/17

Out: 372.193+/-0.068 χ^2/NDF : 422114.6/19

All: 372.346+/-0.049 χ^2/NDF : 686584.9/37

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -375.350+/-94.603 χ^2/NDF :24.8/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 93.376+/-97.645 χ^2/NDF :26.7/17

Left: -148.401+/-67.944 χ^2/NDF : 63.3/37

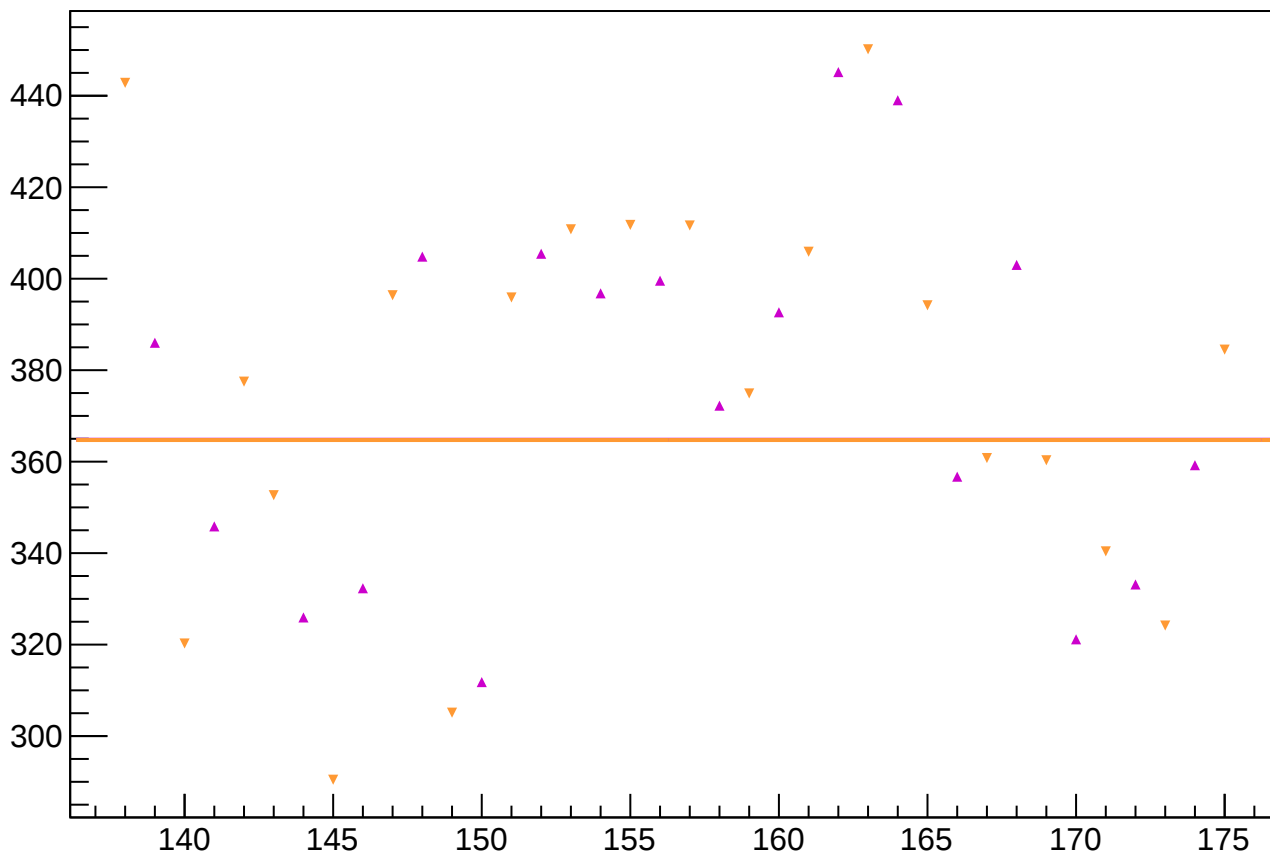
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.376+/-97.645 χ^2/NDF :26.7/17

Out: -375.350+/-94.603 χ^2/NDF :24.8/19

All: -148.401+/-67.944 χ^2/NDF : 63.3/37

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 364.727+/-0.067 χ^2/NDF : 437870.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 364.788+/-0.069 χ^2/NDF : 304620.4/17

Left: 364.756+/-0.048 χ^2/NDF : 742491.3/37

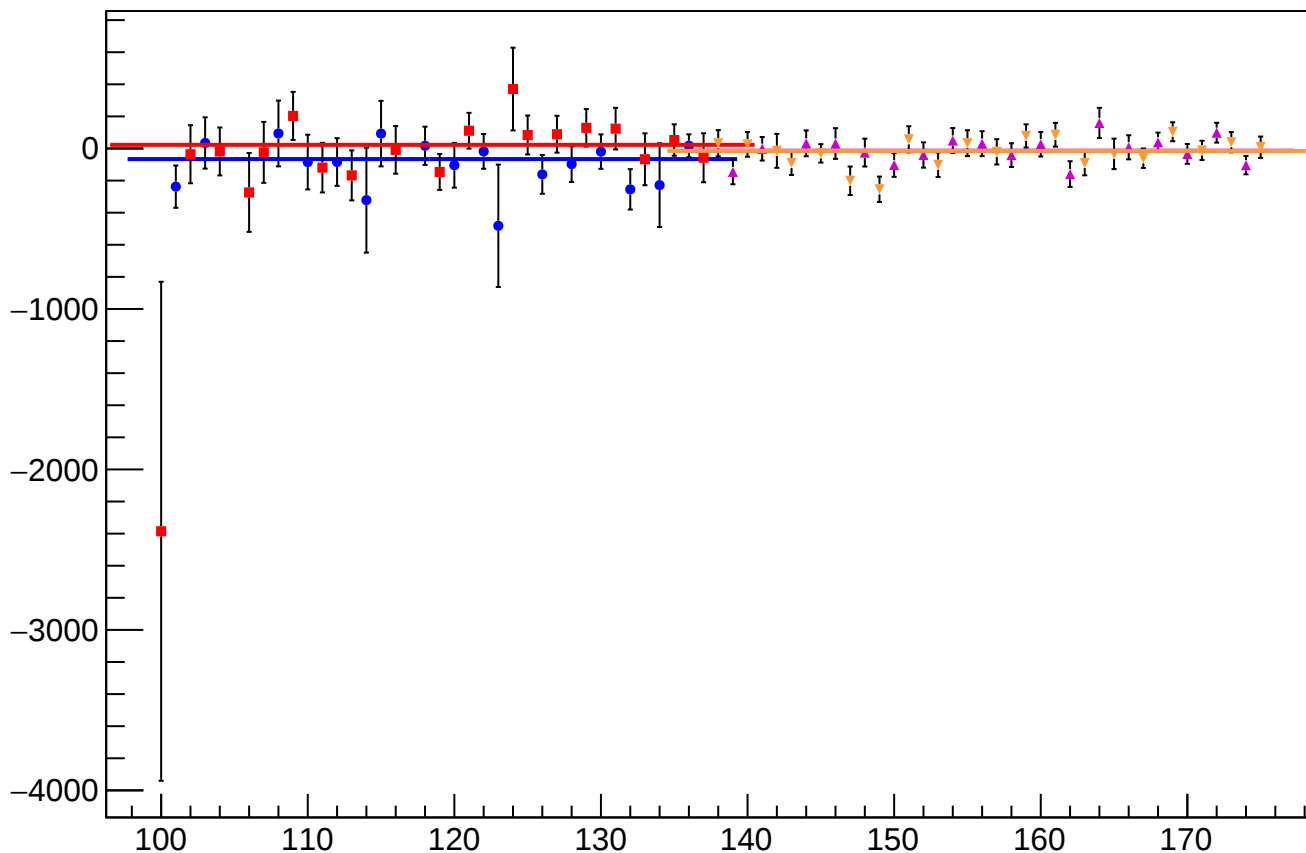
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.788+/-0.069 χ^2/NDF : 304620.4/17

Out: 364.727+/-0.067 χ^2/NDF : 437870.5/19

All: 364.756+/-0.048 χ^2/NDF : 742491.3/37

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -15.170 ± 16.268 $\chi^2/\text{NDF}: 27.7/19$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -13.577 ± 17.320 $\chi^2/\text{NDF}: 19.9/17$

Left: -14.423 ± 11.858 $\chi^2/\text{NDF}: 47.6/37$

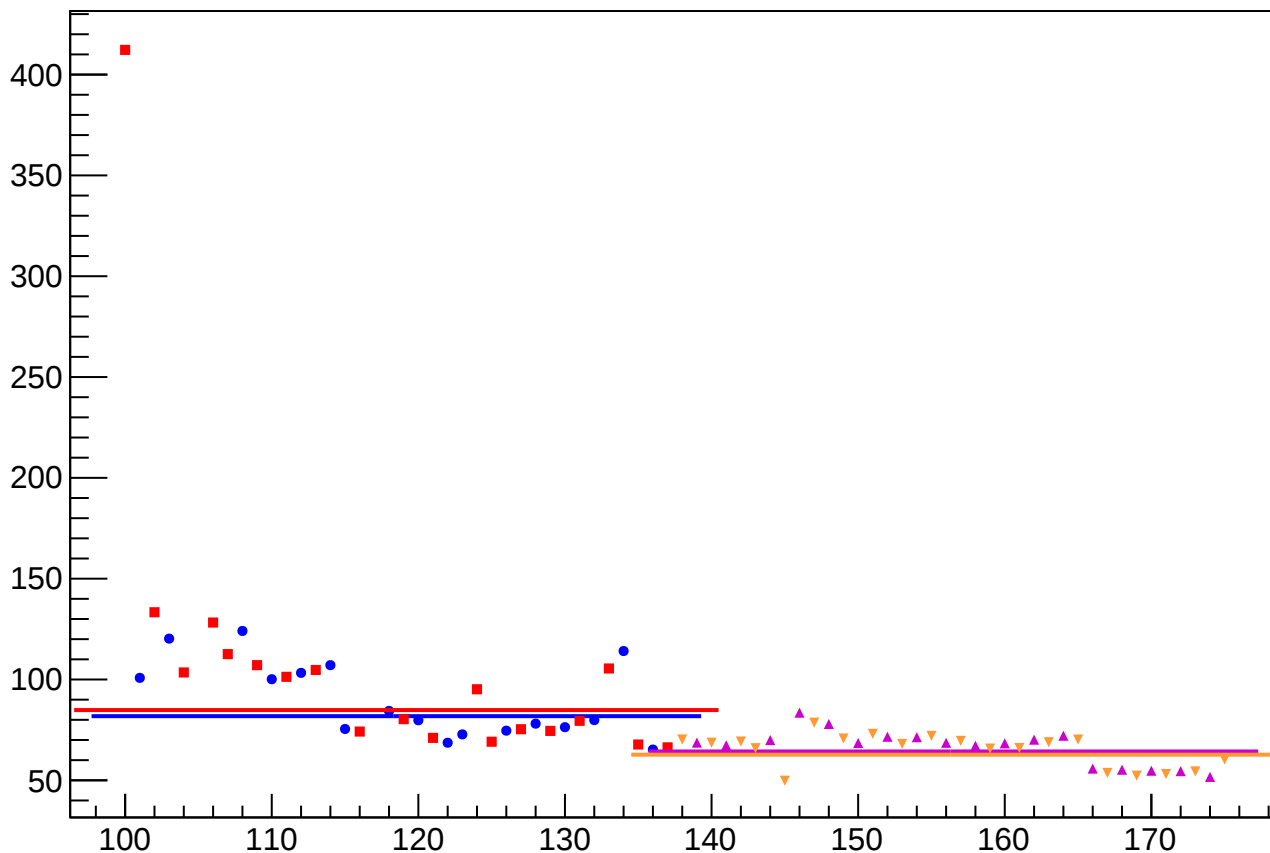
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -25.285 ± 15.263 $\chi^2/\text{NDF}: 32.7/34$

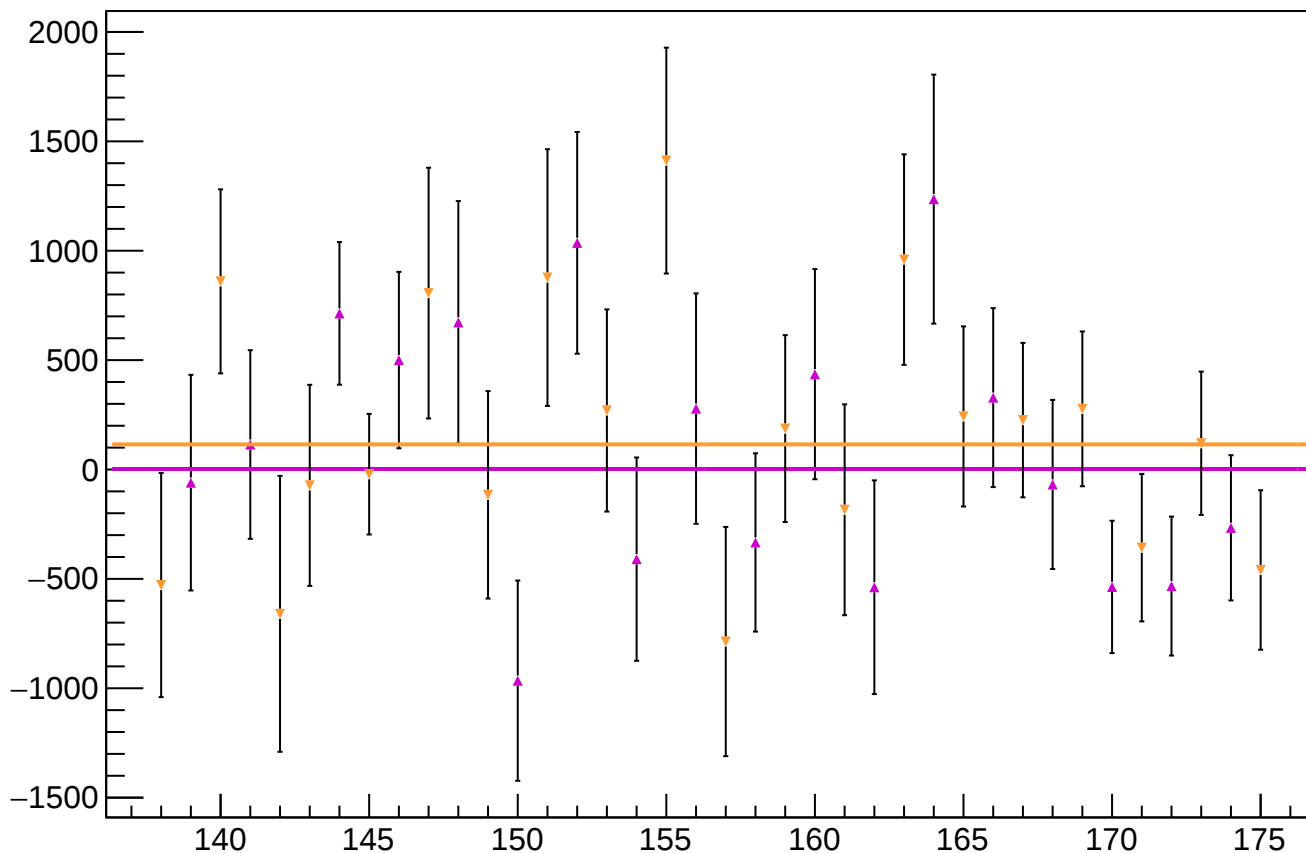
Out: -7.645 ± 14.573 $\chi^2/\text{NDF}: 44.1/38$

All: -16.057 ± 10.540 $\chi^2/\text{NDF}: 77.6/73$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 114.817 $\pm$ 93.643 χ^2 /NDF:27.7/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 2.405 $\pm$ 97.383 χ^2 /NDF:32.3/17

Left: 60.810 $\pm$ 67.499 χ^2 /NDF: 60.7/37

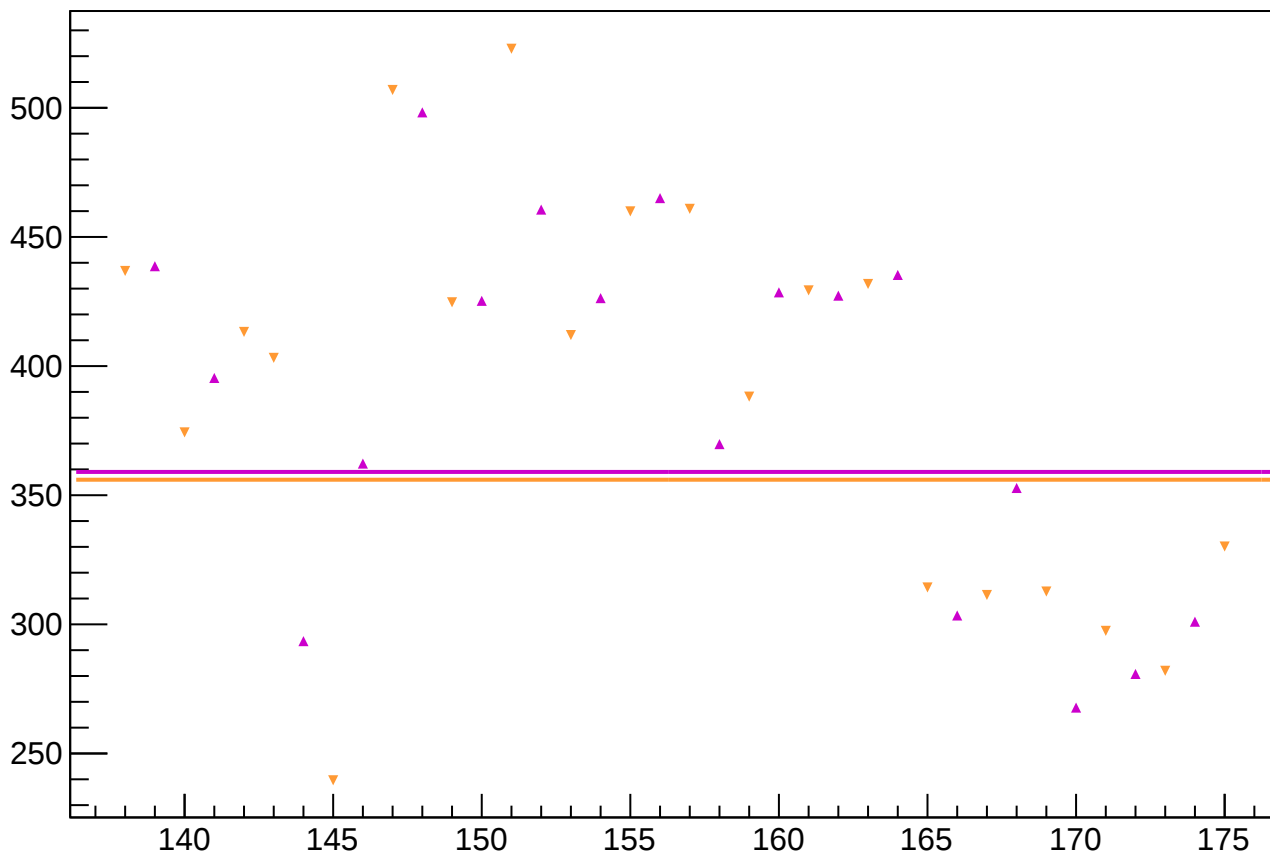
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 2.405 $\pm$ 97.383 χ^2 /NDF:32.3/17

Out: 114.817 $\pm$ 93.643 χ^2 /NDF:27.7/19

All: 60.810 $\pm$ 67.499 χ^2 /NDF: 60.7/37

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 356.000+/-0.066 χ^2/NDF :1343031.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 359.018+/-0.069 χ^2/NDF :1038944.5/17

Left: 357.450+/-0.048 χ^2/NDF : 2382973.9/37

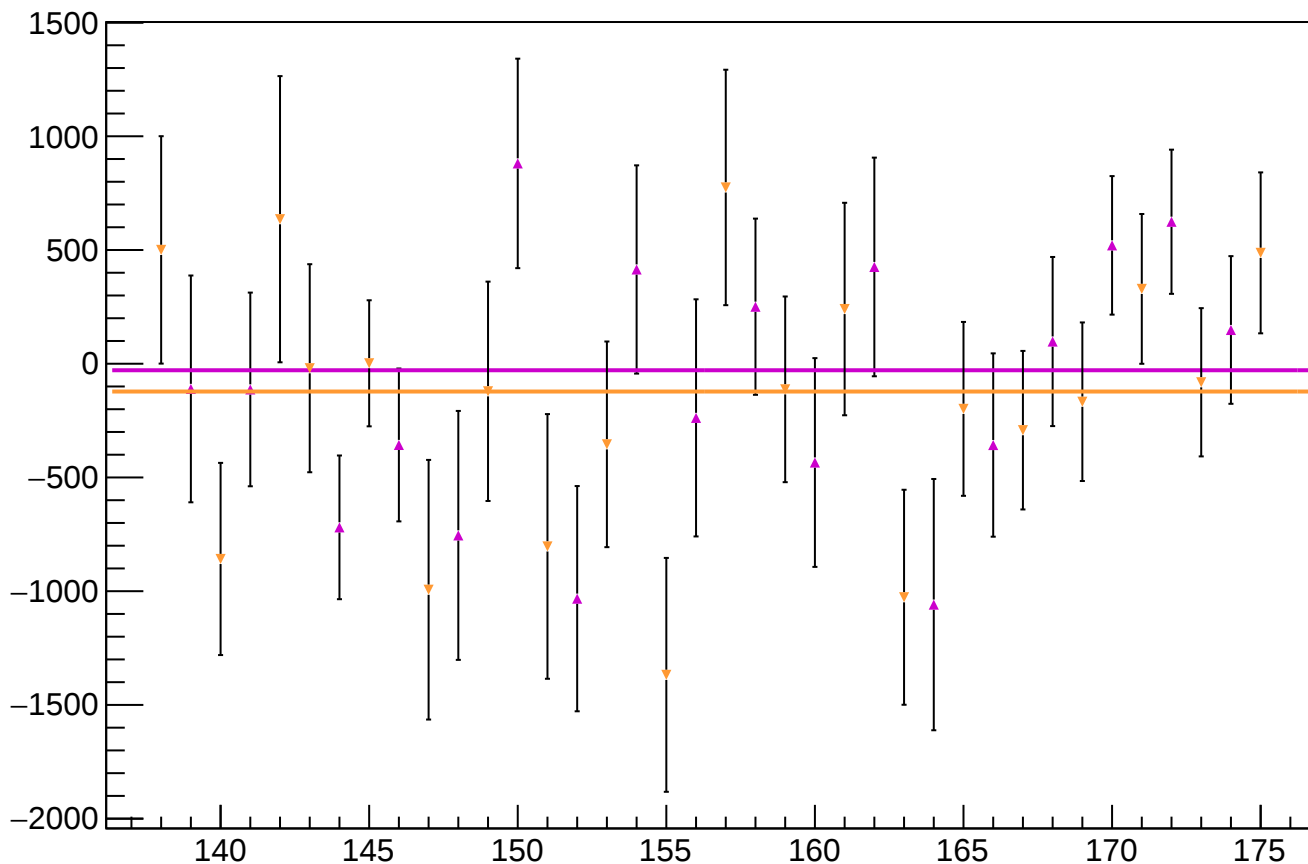
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.018+/-0.069 χ^2/NDF :1038944.5/17

Out: 356.000+/-0.066 χ^2/NDF :1343031.5/19

All: 357.450+/-0.048 χ^2/NDF : 2382973.9/37

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -122.195 $\pm$ 92.186 χ^2 /NDF:28.6/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -28.675 $\pm$ 94.640 χ^2 /NDF:30.9/17

Left: -76.663 $\pm$ 66.036 χ^2 /NDF: 60.0/37

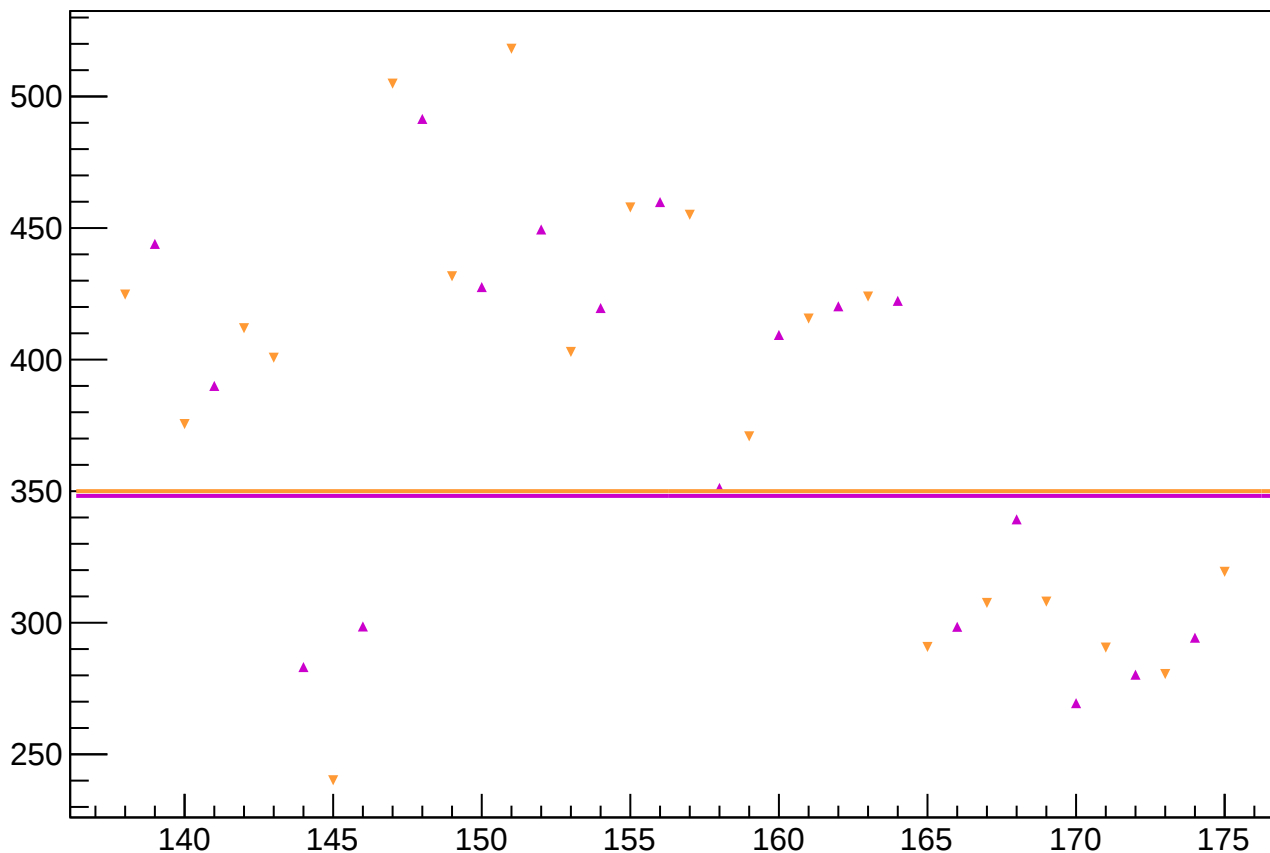
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -28.675 $\pm$ 94.640 χ^2 /NDF:30.9/17

Out: -122.195 $\pm$ 92.186 χ^2 /NDF:28.6/19

All: -76.663 $\pm$ 66.036 χ^2 /NDF: 60.0/37

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 350.016+/-0.065 χ^2/NDF :1351264.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 348.208+/-0.067 χ^2/NDF :1071171.8/17

Left: 349.136+/-0.047 χ^2/NDF : 2422810.4/37

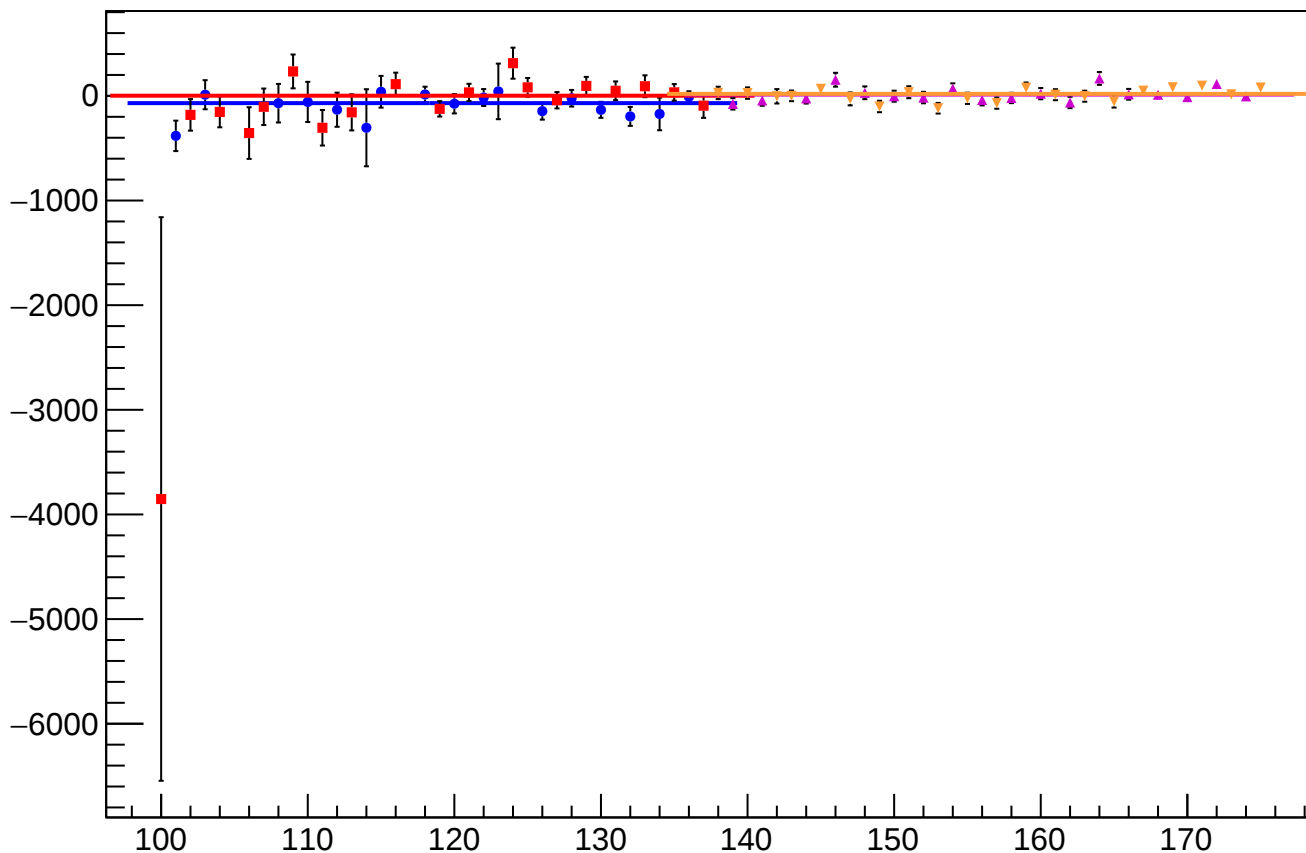
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.208+/-0.067 χ^2/NDF :1071171.8/17

Out: 350.016+/-0.065 χ^2/NDF :1351264.0/19

All: 349.136+/-0.047 χ^2/NDF : 2422810.4/37

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 19.133 ± 11.106 χ^2/NDF : 29.6/19

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 12.500 ± 11.675 χ^2/NDF : 27.4/17

Left: 15.982 ± 8.047 χ^2/NDF : 57.2/37

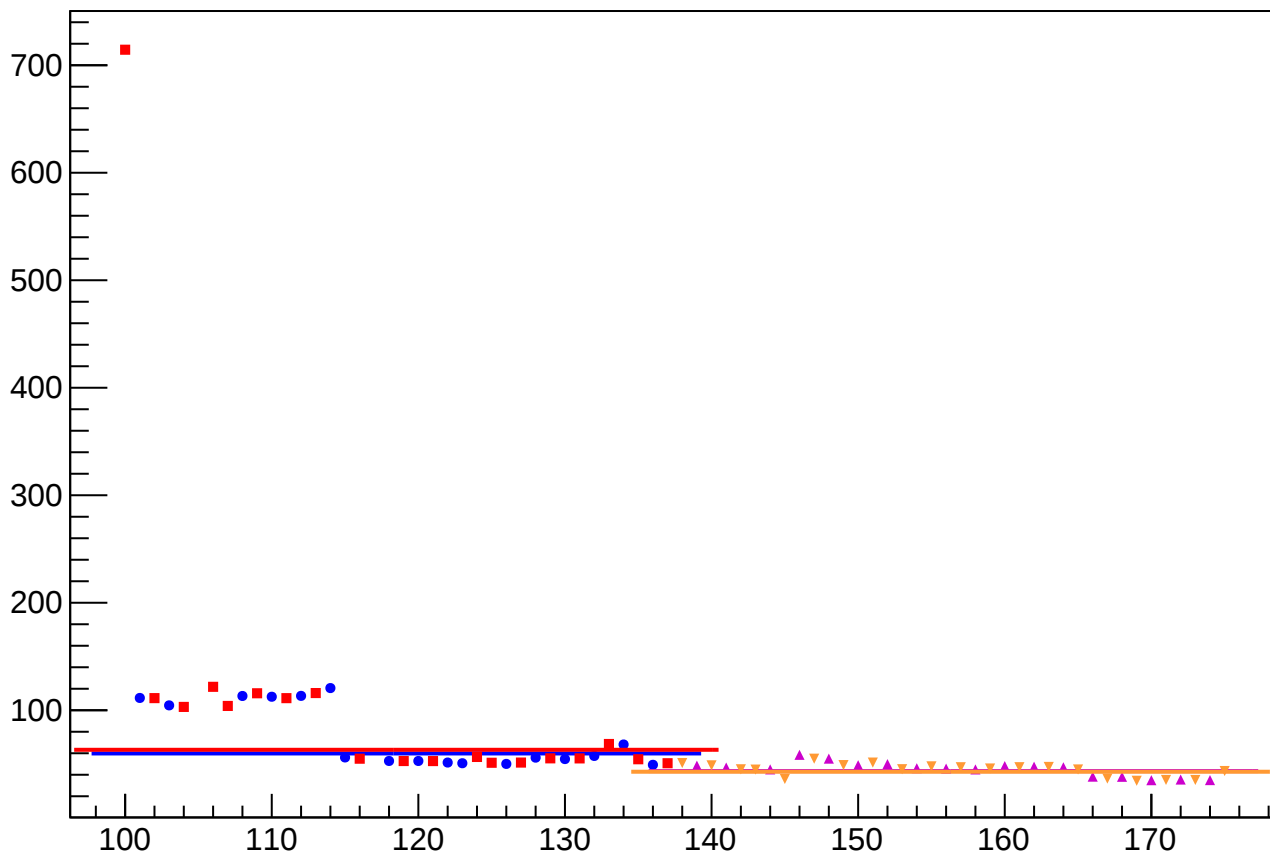
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -2.860 ± 10.520 χ^2/NDF : 50.1/34

Out: 16.302 ± 10.162 χ^2/NDF : 55.8/38

All: 7.052 ± 7.309 χ^2/NDF : 107.7/73

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 42.811 $\pm$ 0.008 χ^2 /NDF: 622009.0/19

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 43.401 $\pm$ 0.008 χ^2 /NDF: 613590.7/17

Left: 43.092 $\pm$ 0.006 χ^2 /NDF: 1238282.2/37

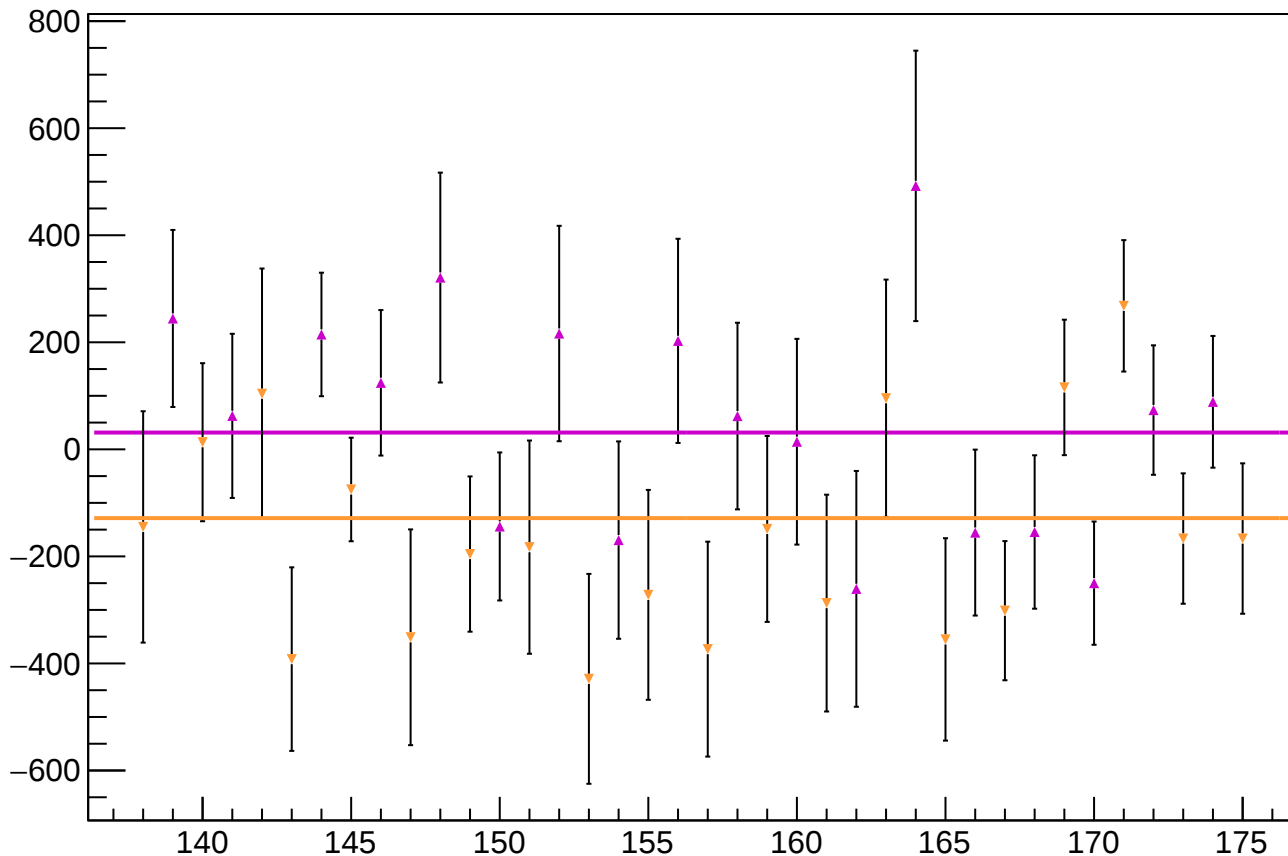
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 46.487 $\pm$ 0.007 χ^2 /NDF: 2586339.0/34

Out: 46.134 $\pm$ 0.007 χ^2 /NDF: 3226005.8/38

All: 46.304 $\pm$ 0.005 χ^2 /NDF: 5813504.9/73

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -128.491+/-35.083 χ^2/NDF :29.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 31.379+/-36.164 χ^2/NDF :25.9/17

Left: -50.982+/-25.181 χ^2/NDF : 65.6/37

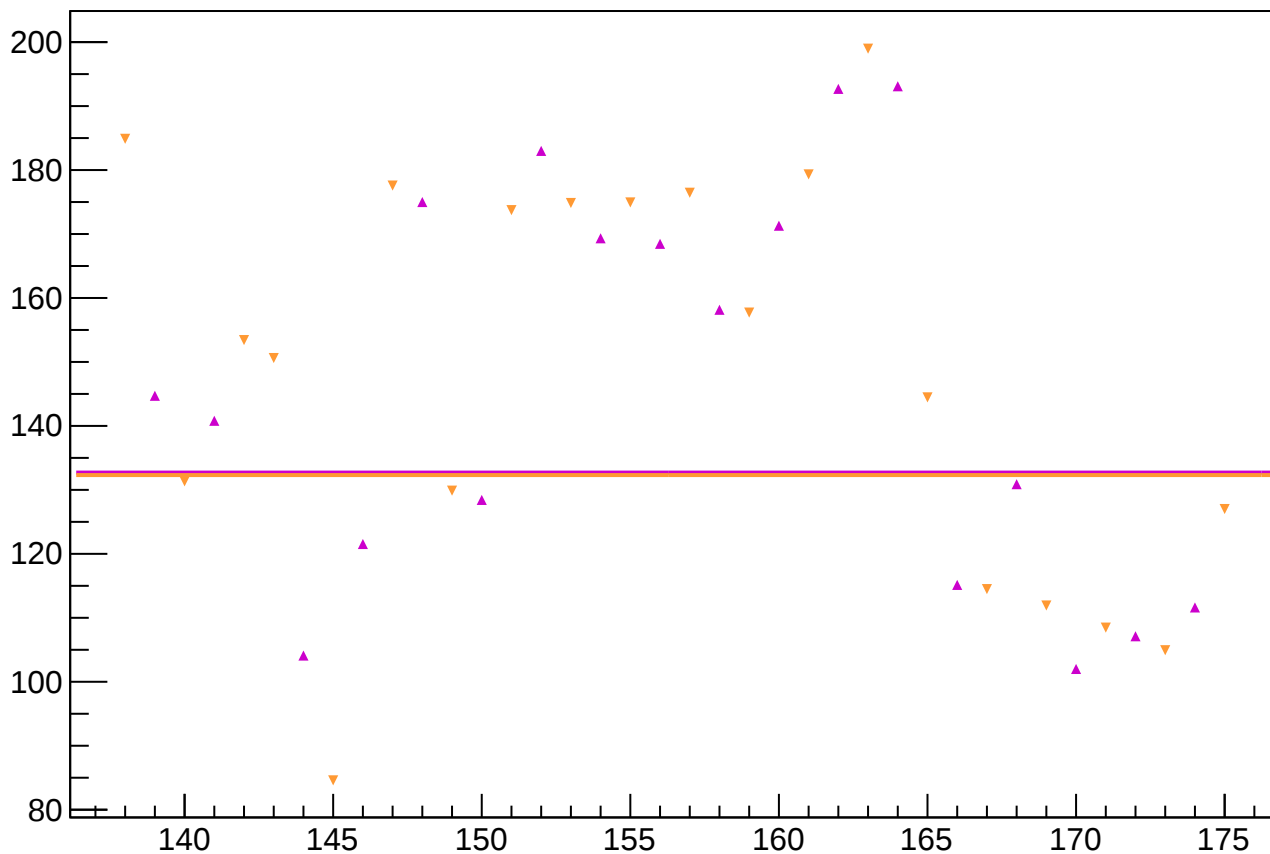
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 31.379+/-36.164 χ^2/NDF :25.9/17

Out: -128.491+/-35.083 χ^2/NDF :29.6/19

All: -50.982+/-25.181 χ^2/NDF : 65.6/37

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 132.315+/-0.025 χ^2/NDF :1726001.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 132.704+/-0.026 χ^2/NDF :1223953.7/17

Left: 132.503+/-0.018 χ^2/NDF : 2950074.4/37

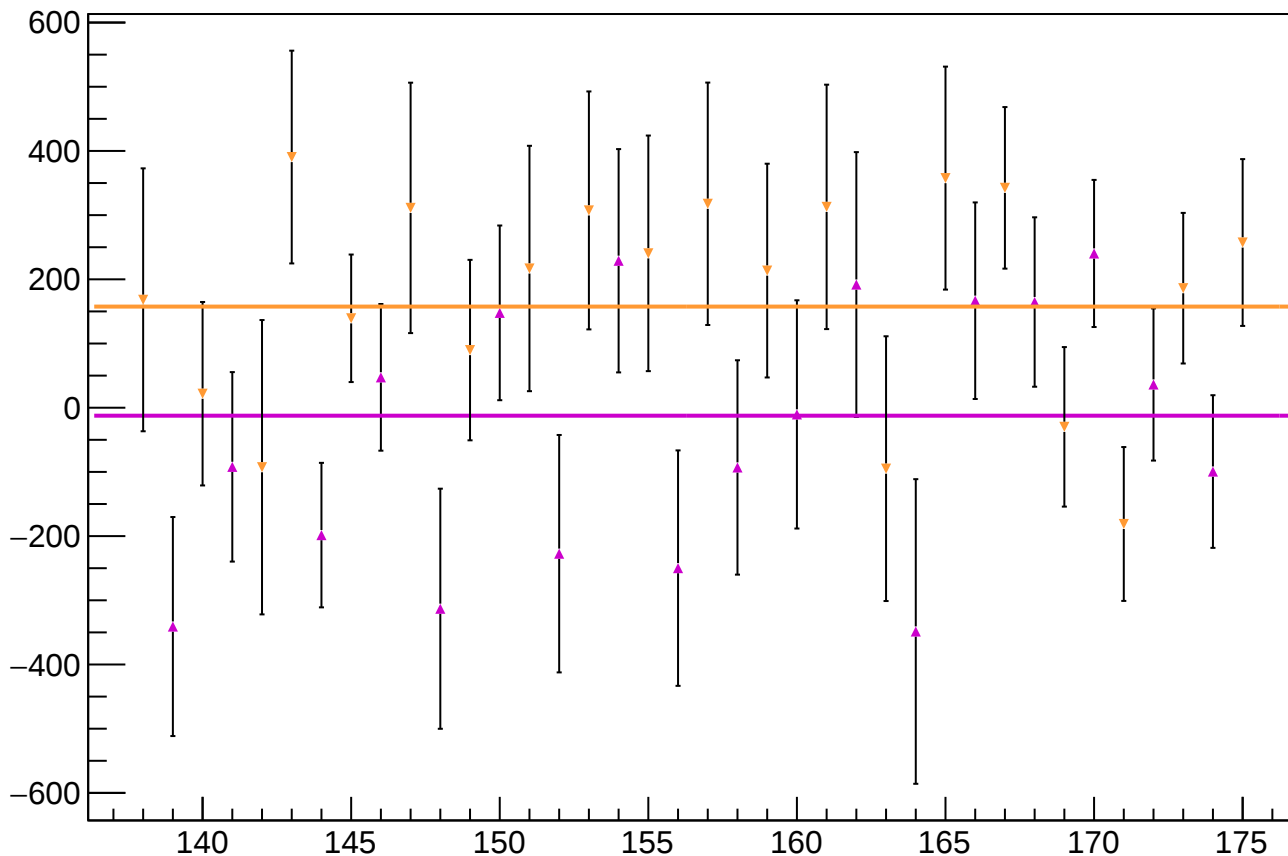
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.704+/-0.026 χ^2/NDF :1223953.7/17

Out: 132.315+/-0.025 χ^2/NDF :1726001.3/19

All: 132.503+/-0.018 χ^2/NDF : 2950074.4/37

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 157.532 $\pm$ 33.892 χ^2 /NDF:23.3/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -12.422 $\pm$ 34.557 χ^2 /NDF:27.9/17

Left: 74.204 $\pm$ 24.197 χ^2 /NDF: 63.5/37

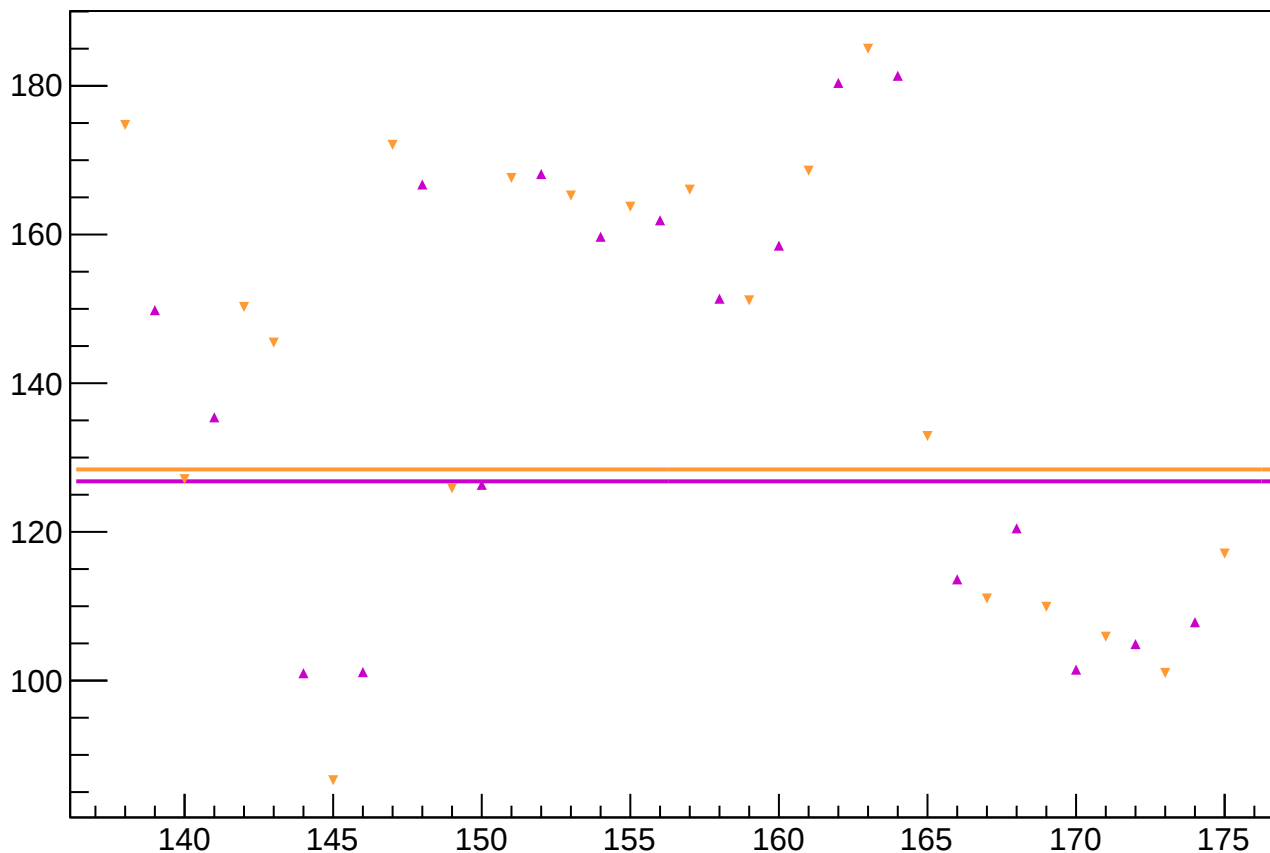
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.422 $\pm$ 34.557 χ^2 /NDF:27.9/17

Out: 157.532 $\pm$ 33.892 χ^2 /NDF:23.3/19

All: 74.204 $\pm$ 24.197 χ^2 /NDF: 63.5/37

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 128.399 $\pm$ 0.024 χ^2/NDF :1469406.3/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 126.802 $\pm$ 0.024 χ^2/NDF :1169229.1/17

Left: 127.616 $\pm$ 0.017 χ^2/NDF : 2640813.8/37

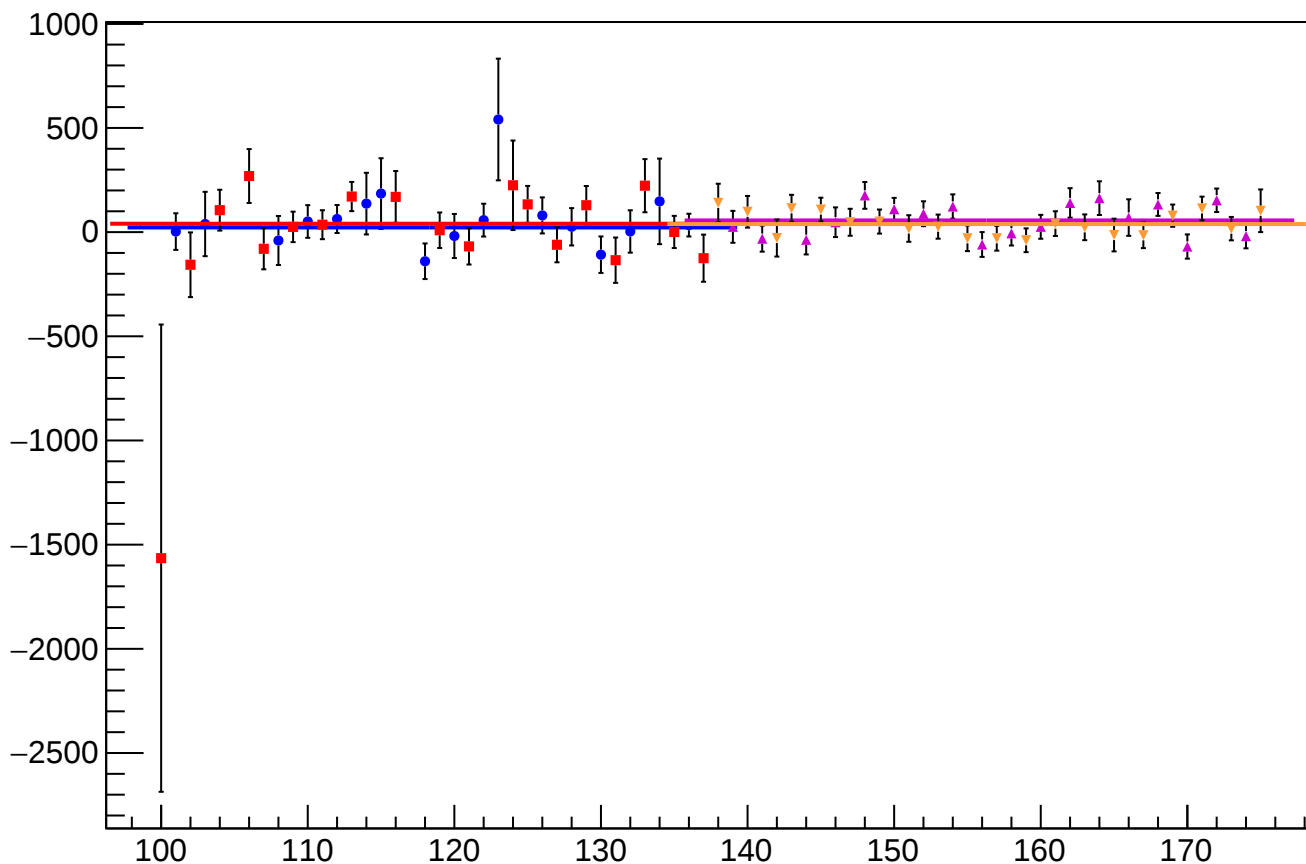
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 126.802 $\pm$ 0.024 χ^2/NDF :1169229.1/17

Out: 128.399 $\pm$ 0.024 χ^2/NDF :1469406.3/19

All: 127.616 $\pm$ 0.017 χ^2/NDF : 2640813.8/37

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 38.547 $\pm$ 14.216 χ^2 /NDF:14.0/19

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 56.042 $\pm$ 14.784 χ^2 /NDF:29.5/17

Left: 46.952 $\pm$ 10.247 χ^2 /NDF: 44.2/37

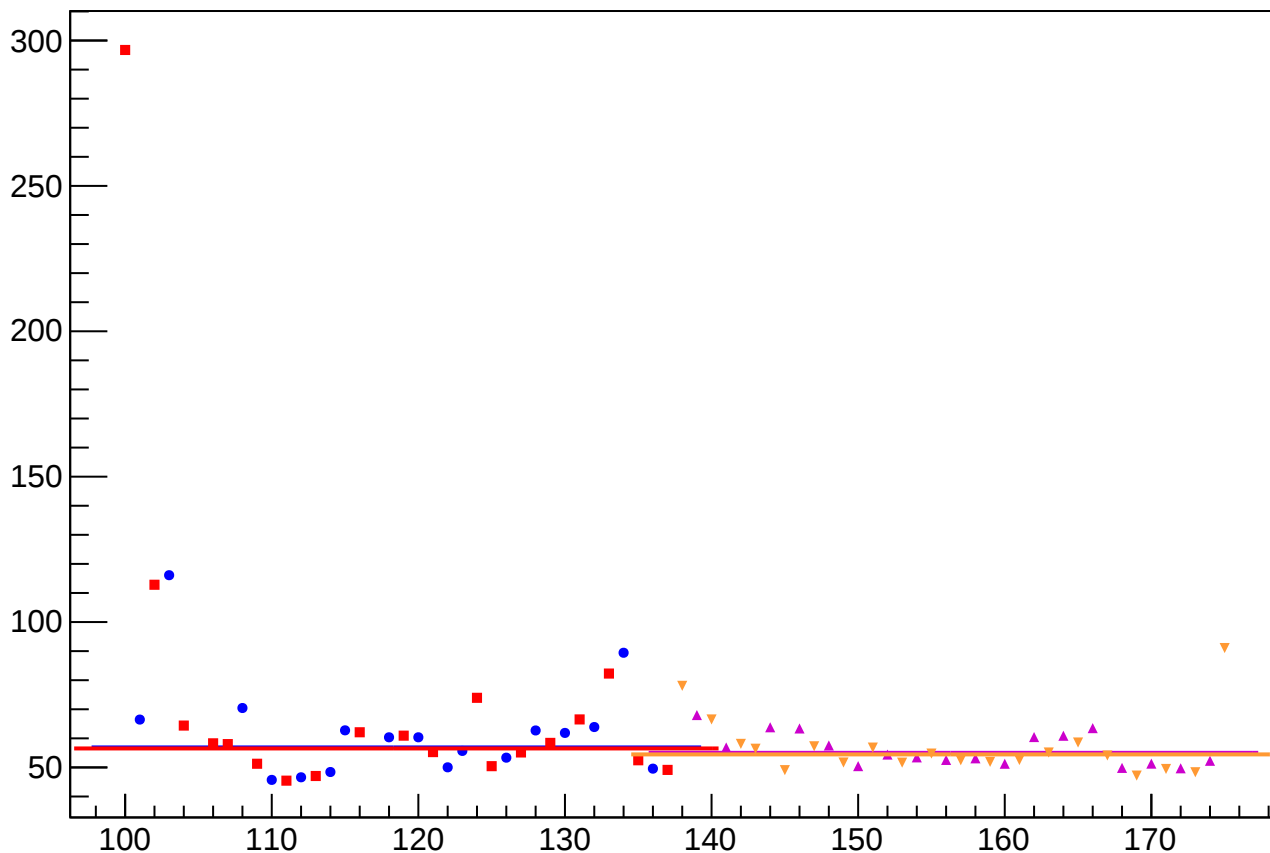
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 45.964 $\pm$ 12.376 χ^2 /NDF:43.7/34

Out: 39.042 $\pm$ 11.961 χ^2 /NDF:40.3/38

All: 42.385 $\pm$ 8.601 χ^2 /NDF: 84.1/73

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 54.481+/-0.010 χ^2/NDF : 566966.4/19

Right Out: 56.528+/-0.016 χ^2/NDF : 612273.7/18

Left In: 55.018+/-0.010 χ^2/NDF : 240111.0/17

Left: 54.739+/-0.007 χ^2/NDF : 808447.2/37

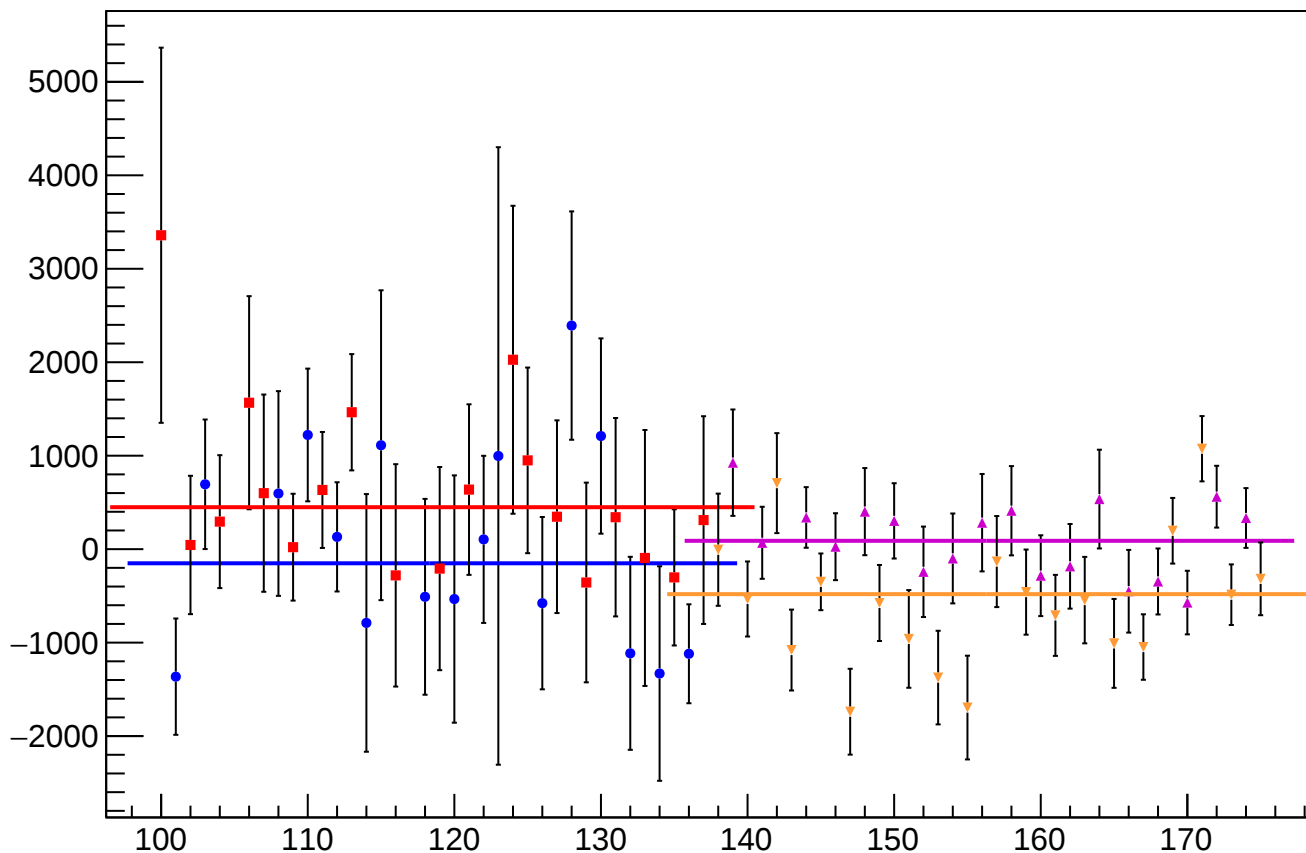
Right: 56.699+/-0.011 χ^2/NDF : 1188006.9/35

In: 55.575+/-0.009 χ^2/NDF : 825077.7/34

Out: 55.079+/-0.008 χ^2/NDF : 1191343.8/38

All: 55.318+/-0.006 χ^2/NDF : 2018081.2/73

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -481.349+/-93.504 χ^2/NDF : 52.4/19

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 89.272+/-95.741 χ^2/NDF : 16.0/17

Left: -202.781+/-66.894 χ^2/NDF : 86.6/37

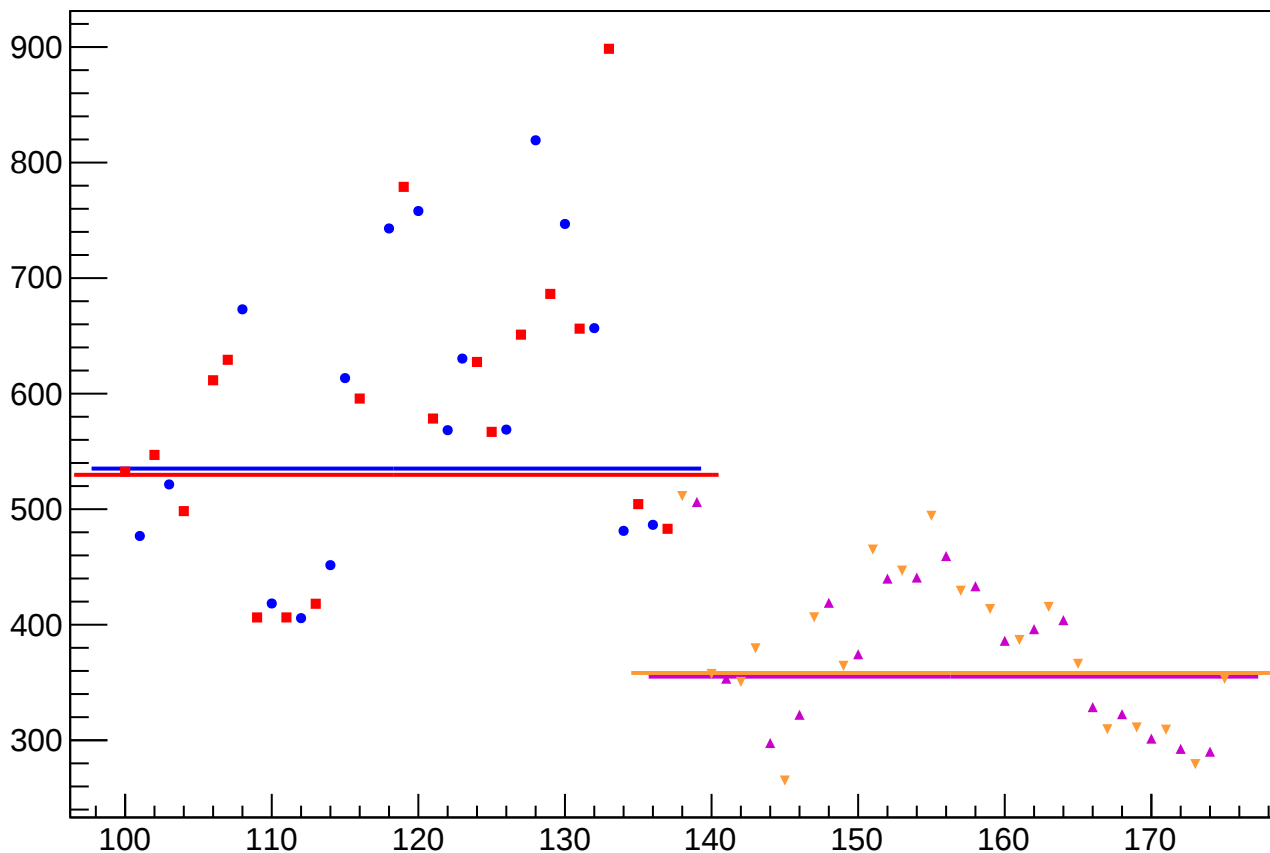
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 48.680+/-87.286 χ^2/NDF : 39.5/34

Out: -319.839+/-85.001 χ^2/NDF : 80.1/38

All: -140.468+/-60.897 χ^2/NDF : 128.7/73

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 358.256 $\pm$ 0.066 χ^2 /NDF: 957654.5/19

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 355.079 $\pm$ 0.068 χ^2 /NDF: 794043.2/17

Left: 356.705 $\pm$ 0.047 χ^2 /NDF: 1752824.9/37

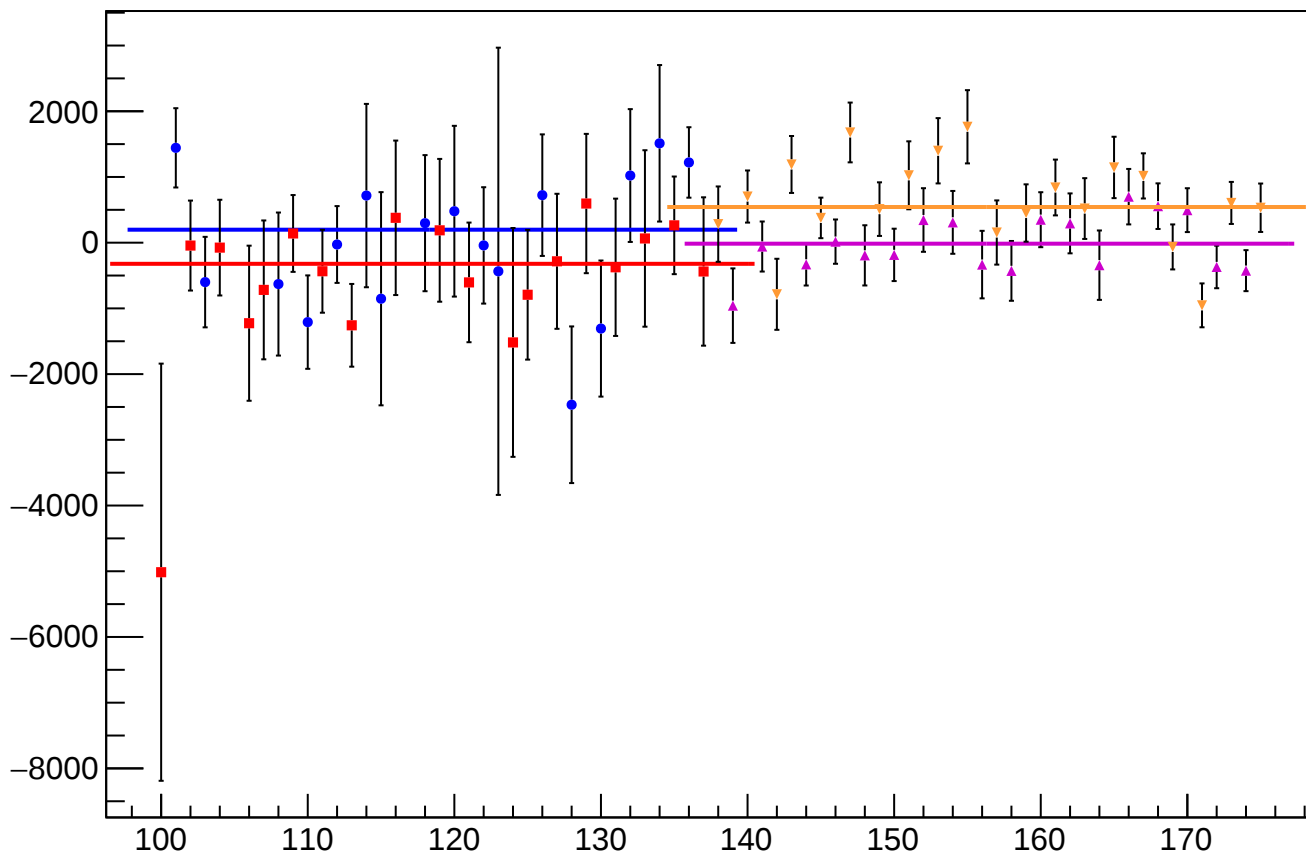
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 385.474 $\pm$ 0.062 χ^2 /NDF: 2584263.0/34

Out: 388.030 $\pm$ 0.060 χ^2 /NDF: 2772386.0/38

All: 386.786 $\pm$ 0.043 χ^2 /NDF: 5357529.0/73

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 542.718 $\pm$ 92.108 χ^2 /NDF:51.8/19

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -15.304 $\pm$ 93.827 χ^2 /NDF:18.7/17

Left: 268.866 $\pm$ 65.730 χ^2 /NDF: 88.6/37

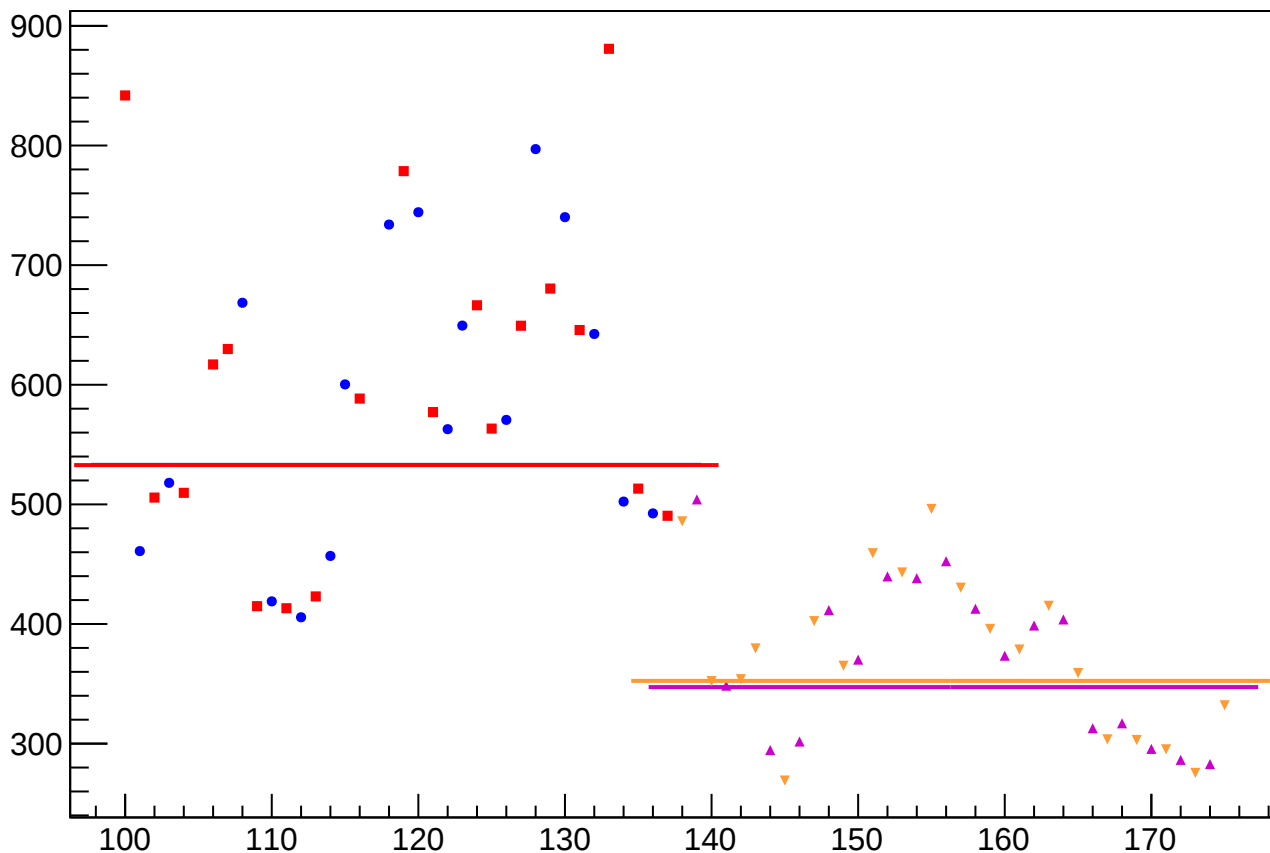
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 19.706 $\pm$ 85.765 χ^2 /NDF:43.5/34

Out: 397.862 $\pm$ 84.036 χ^2 /NDF:75.5/38

All: 212.635 $\pm$ 60.024 χ^2 /NDF: 128.9/73

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 352.458+/-0.065 χ^2/NDF : 950814.8/19

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 347.265+/-0.066 χ^2/NDF : 848328.8/17

Left: 349.909+/-0.046 χ^2/NDF : 1802263.7/37

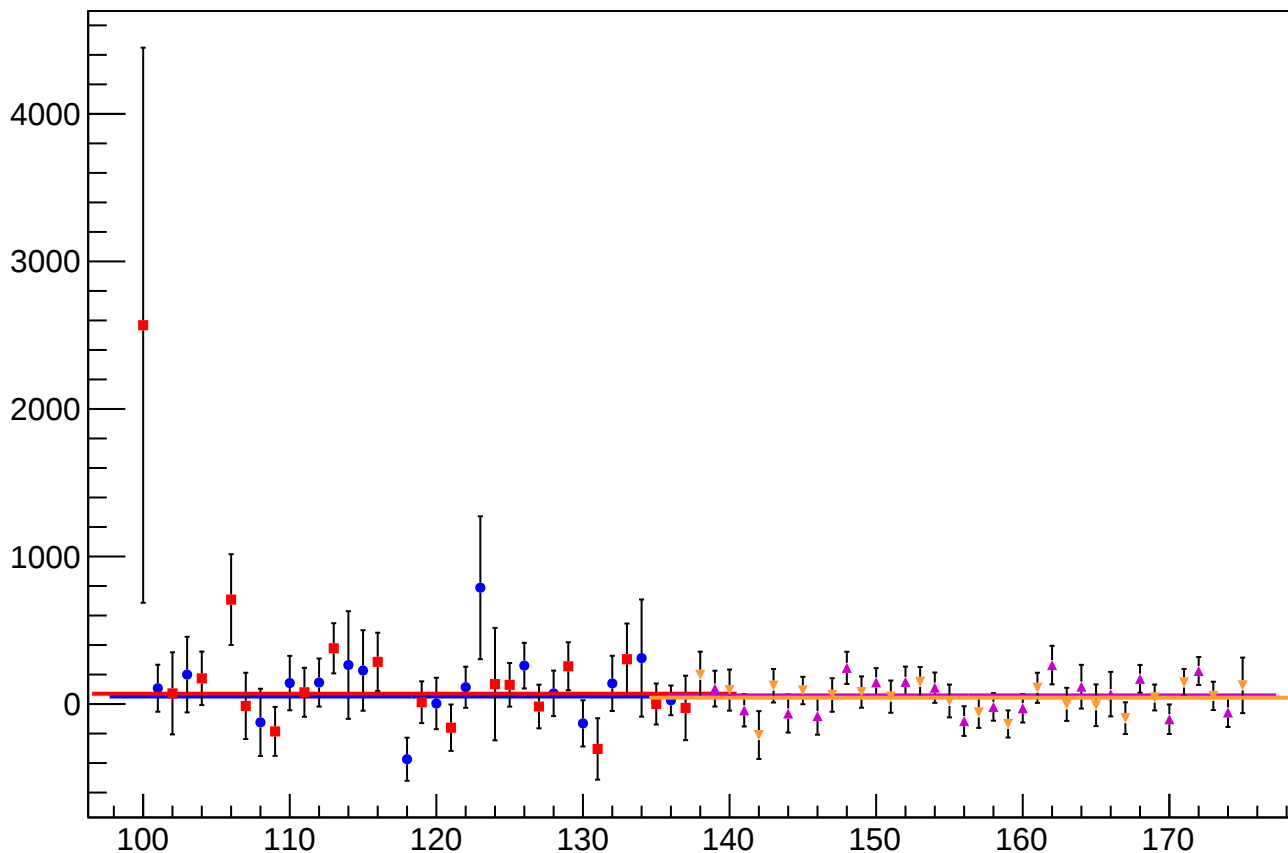
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 377.818+/-0.061 χ^2/NDF : 2704584.9/34

Out: 382.693+/-0.059 χ^2/NDF : 2853588.0/38

All: 380.305+/-0.042 χ^2/NDF : 5561470.5/73

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 43.130+/-24.532 χ^2/NDF :14.2/19

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 58.406+/-25.430 χ^2/NDF :23.5/17

Left: 50.494+/-17.656 χ^2/NDF : 37.9/37

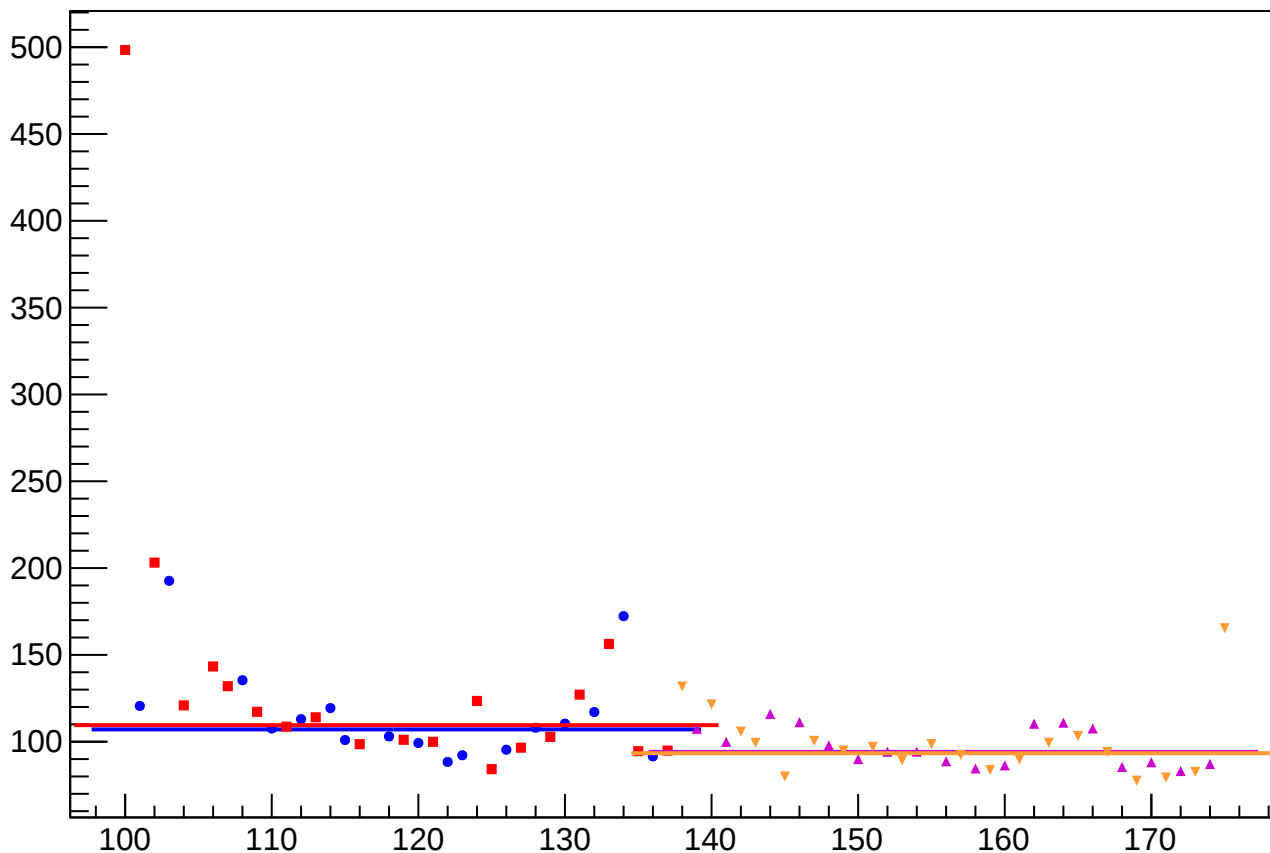
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 56.492+/-21.810 χ^2/NDF :40.9/34

Out: 49.795+/-21.283 χ^2/NDF :36.7/38

All: 53.061+/-15.232 χ^2/NDF : 77.6/73

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 ± 0.030 $\chi^2/\text{NDF}: 437755.4/16$

Left Out: 93.385 ± 0.017 $\chi^2/\text{NDF}: 749700.8/19$

Right Out: 109.530 ± 0.030 $\chi^2/\text{NDF}: 591522.9/18$

Left In: 94.141 ± 0.018 $\chi^2/\text{NDF}: 302678.5/17$

Left: 93.749 ± 0.012 $\chi^2/\text{NDF}: 1053295.6/37$

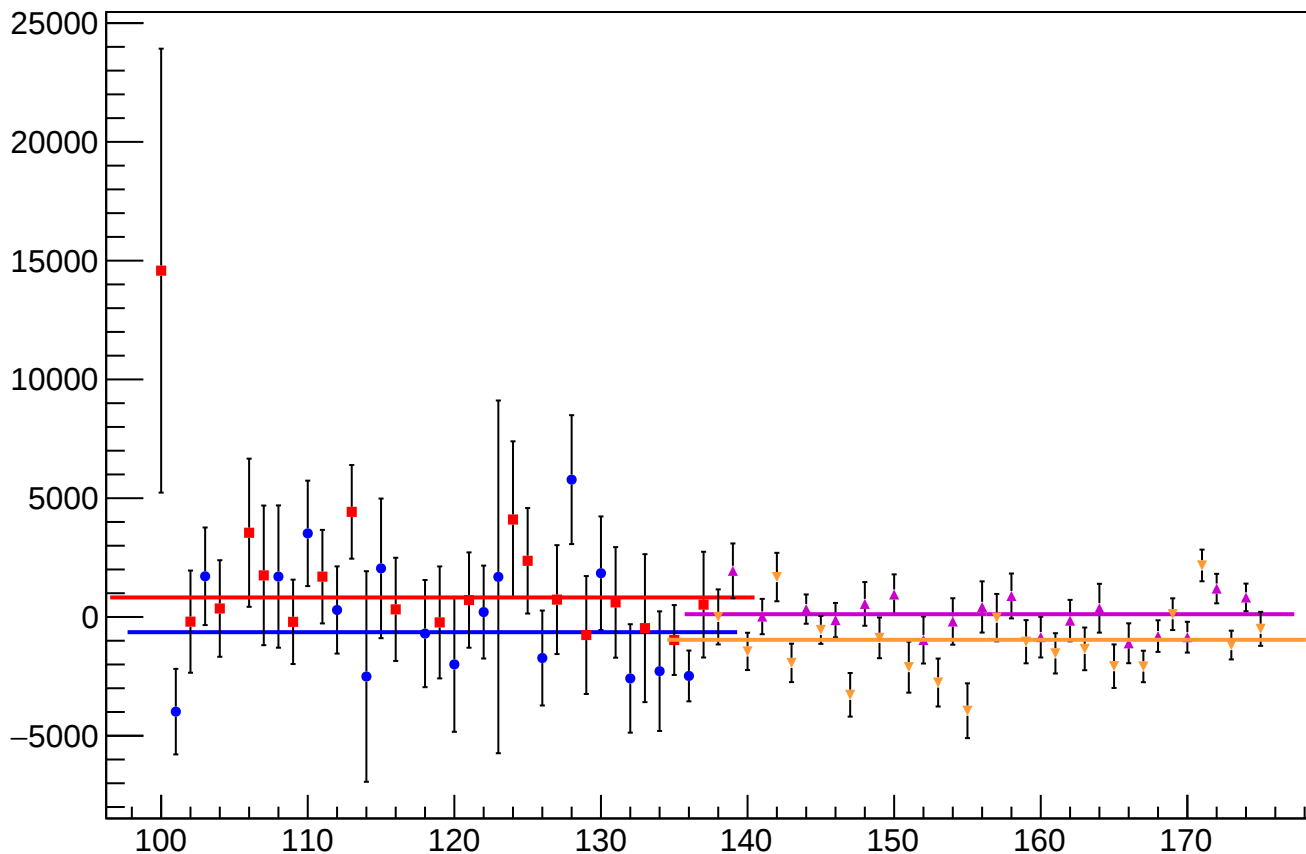
Right: 108.301 ± 0.021 $\chi^2/\text{NDF}: 1032549.7/35$

In: 97.566 ± 0.015 $\chi^2/\text{NDF}: 877631.1/34$

Out: 97.378 ± 0.015 $\chi^2/\text{NDF}: 1555520.5/38$

All: 97.470 ± 0.011 $\chi^2/\text{NDF}: 2433227.2/73$

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -960.505+/-181.353 χ^2/NDF : 58.2/19

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 116.807+/-185.830 χ^2/NDF : 18.2/17

Left: -434.983+/-129.790 χ^2/NDF : 93.6/37

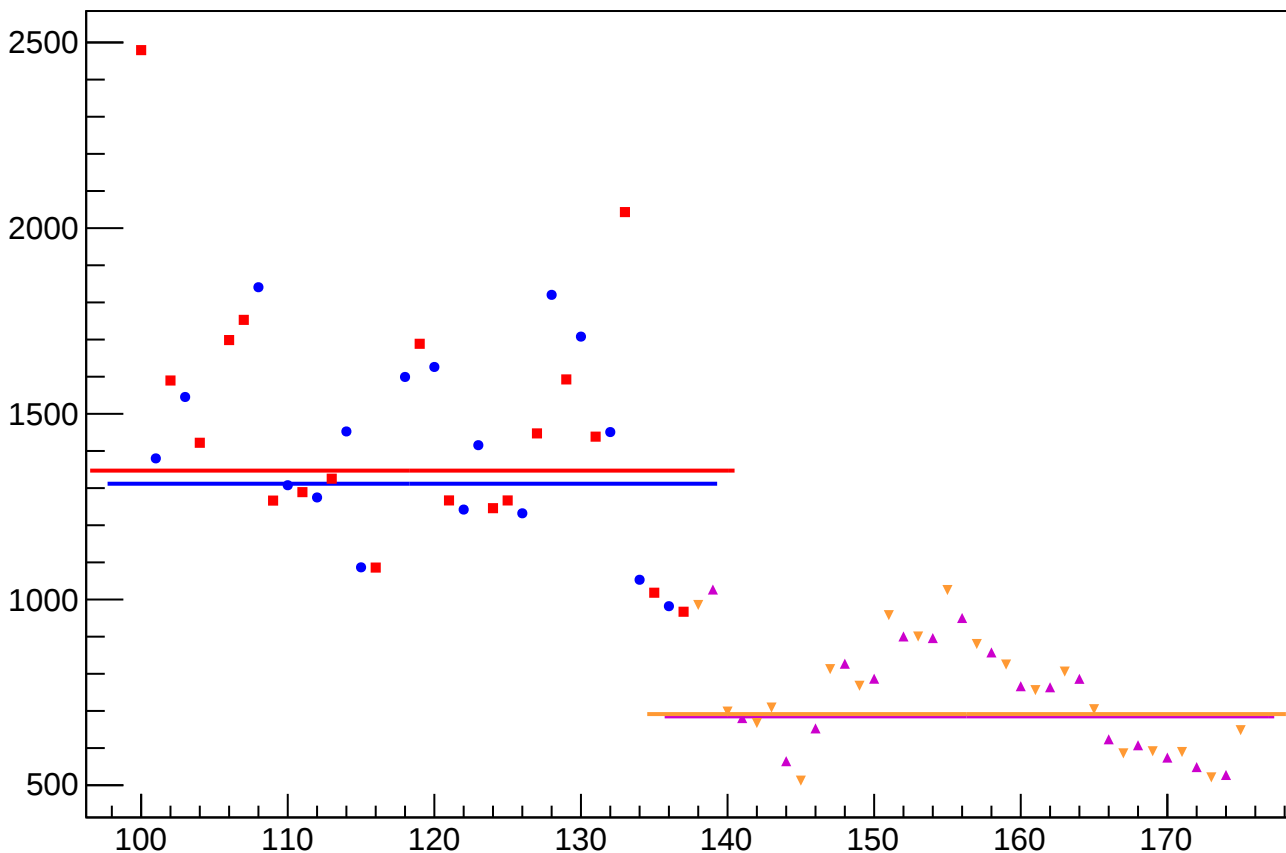
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: 30.898+/-174.963 χ^2/NDF : 41.8/34

Out: -764.362+/-171.081 χ^2/NDF : 79.9/38

All: -375.652+/-122.322 χ^2/NDF : 132.2/73

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 691.524+/-0.128 χ^2/NDF : 1211922.3/19

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 685.326+/-0.131 χ^2/NDF : 1101351.8/17

Left: 688.501+/-0.092 χ^2/NDF : 2314413.7/37

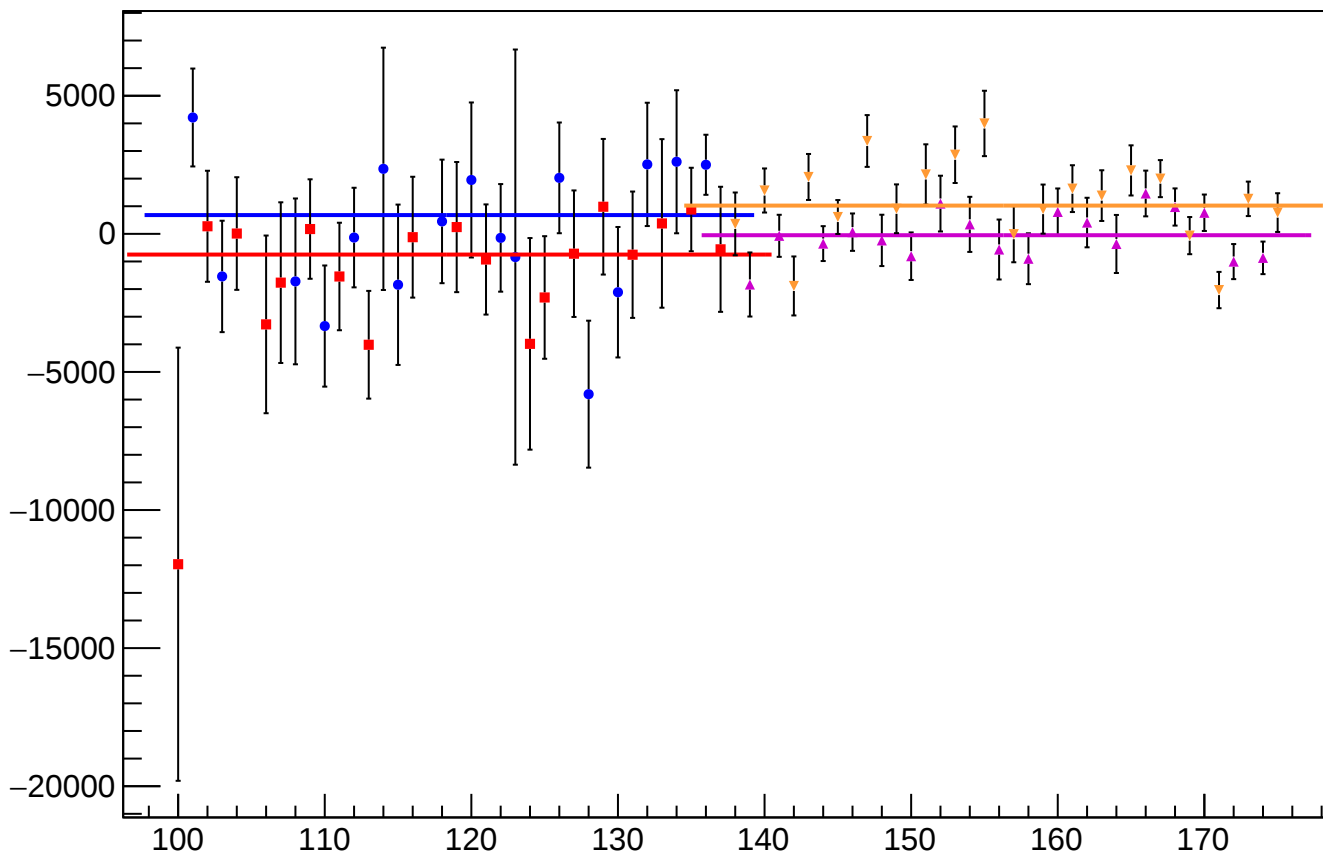
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 756.454+/-0.124 χ^2/NDF : 4194737.7/34

Out: 763.686+/-0.121 χ^2/NDF : 4579263.9/38

All: 760.151+/-0.086 χ^2/NDF : 8775748.2/73

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1023.591+/-183.753 χ^2/NDF : 57.4/19

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -49.221+/-187.186 χ^2/NDF : 18.7/17

Left: 497.112+/-131.130 χ^2/NDF : 92.8/37

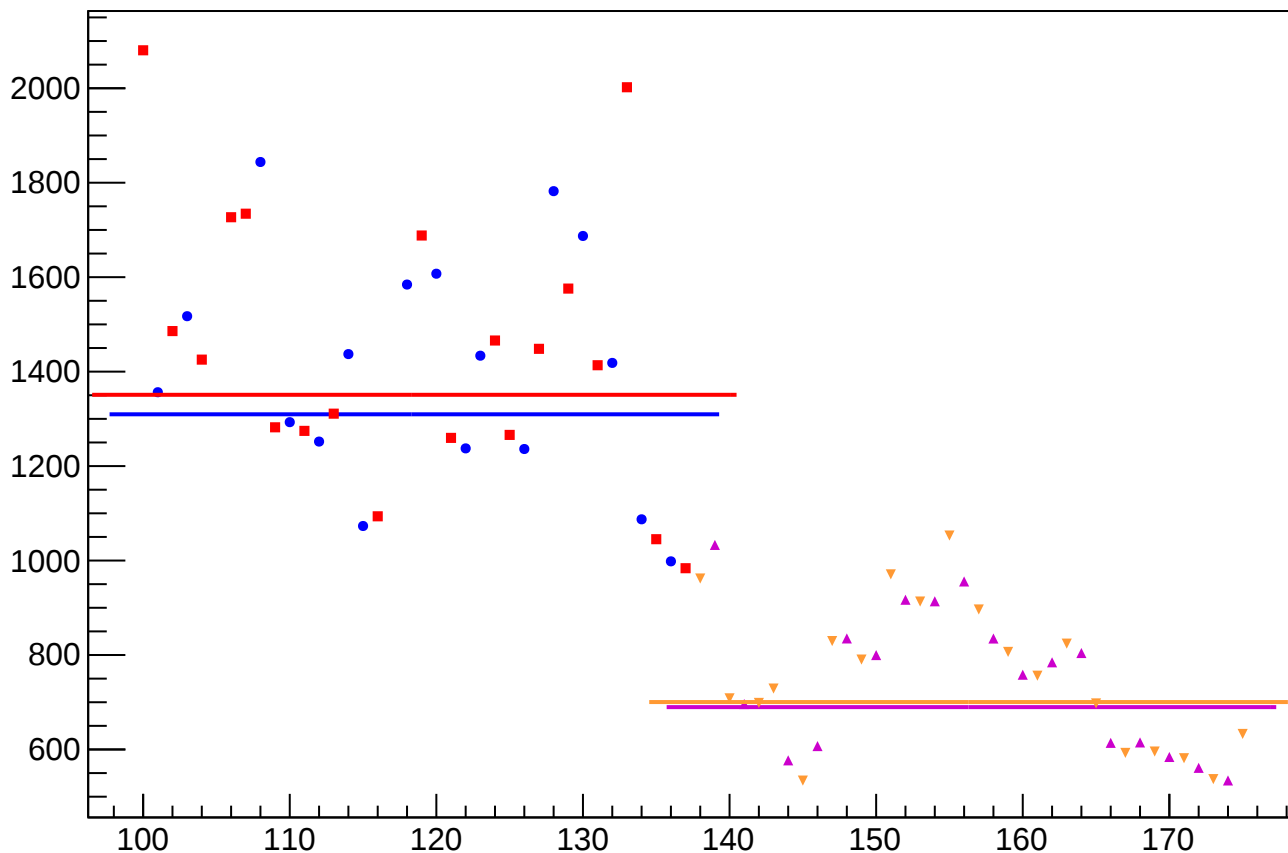
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 35.138+/-176.025 χ^2/NDF : 43.0/34

Out: 824.153+/-173.112 χ^2/NDF : 77.6/38

All: 436.228+/-123.426 χ^2/NDF : 130.8/73

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 700.390 $\pm$ 0.130 χ^2 /NDF: 1169374.5/19

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 689.647 $\pm$ 0.132 χ^2 /NDF: 1095611.5/17

Left: 695.118 $\pm$ 0.093 χ^2 /NDF: 2268340.8/37

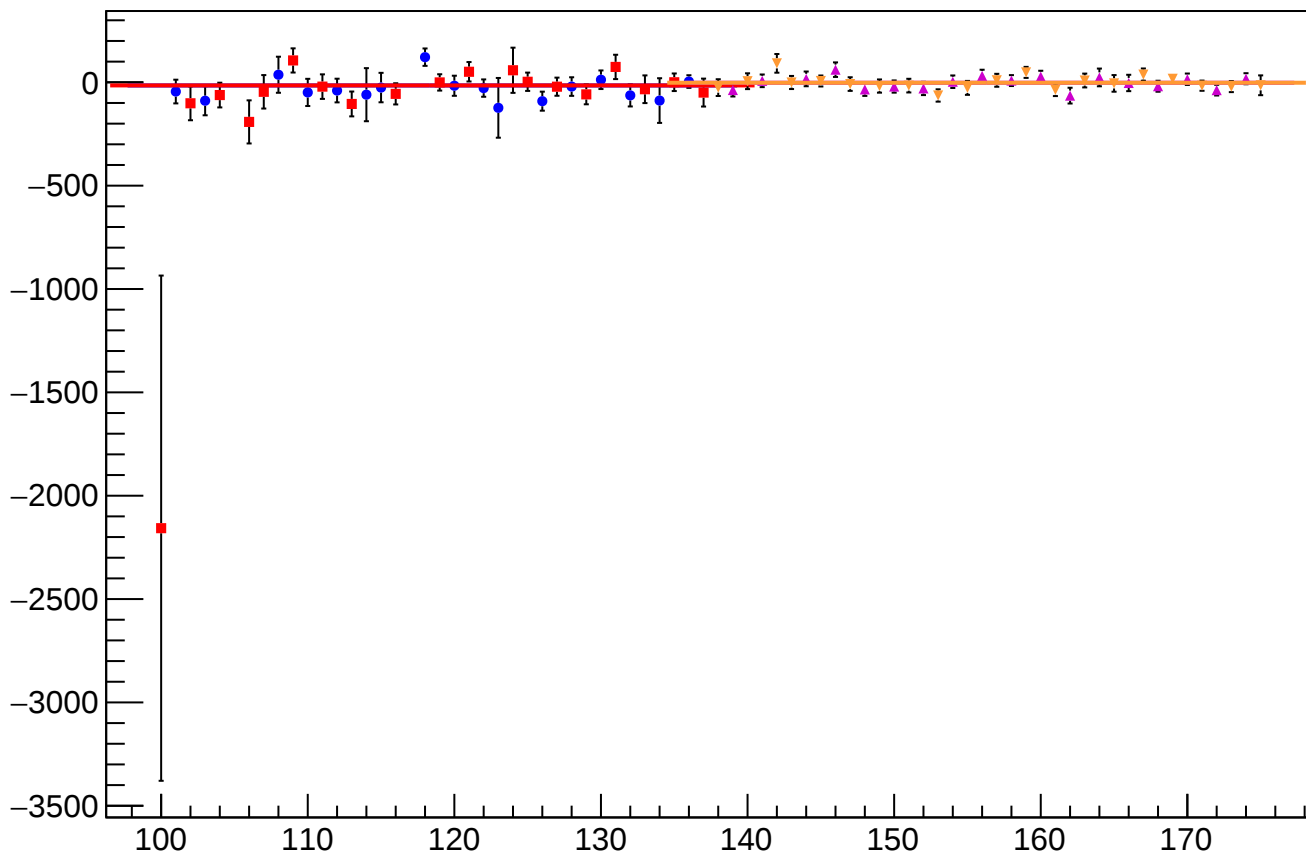
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 761.379 $\pm$ 0.124 χ^2 /NDF: 4093508.6/34

Out: 773.555 $\pm$ 0.122 χ^2 /NDF: 4411431.8/38

All: 767.569 $\pm$ 0.087 χ^2 /NDF: 8509805.3/73

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -2.123 ± 7.007 $\chi^2/\text{NDF}: 18.4/19$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -2.262 ± 7.216 $\chi^2/\text{NDF}: 15.8/17$

Left: -2.191 ± 5.027 $\chi^2/\text{NDF}: 34.2/37$

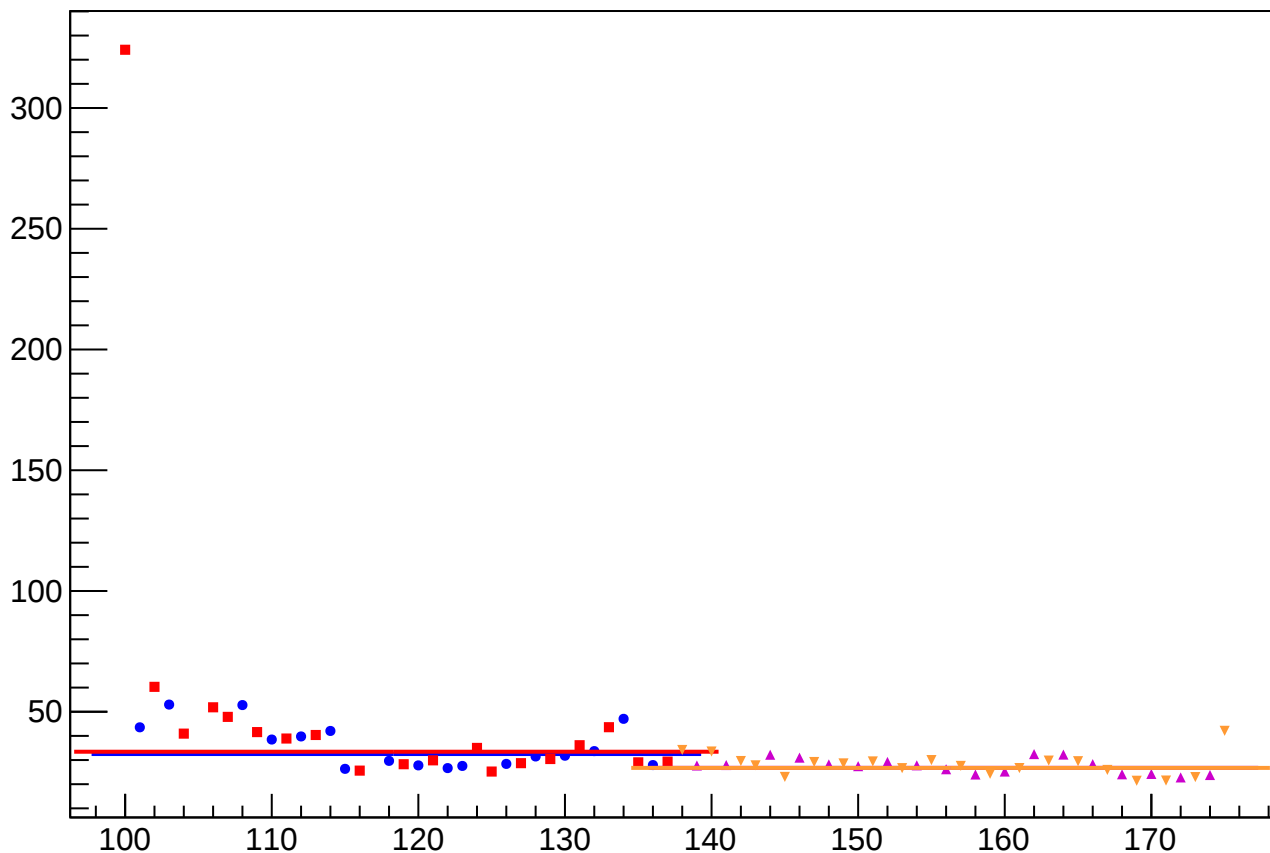
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -5.362 ± 6.299 $\chi^2/\text{NDF}: 34.9/34$

Out: -5.008 ± 6.179 $\chi^2/\text{NDF}: 40.4/38$

All: -5.182 ± 4.411 $\chi^2/\text{NDF}: 75.4/73$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 26.746+/-0.005 χ^2/NDF : 707049.7/19

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 26.766+/-0.005 χ^2/NDF : 316561.0/17

Left: 26.756+/-0.004 χ^2/NDF : 1023618.8/37

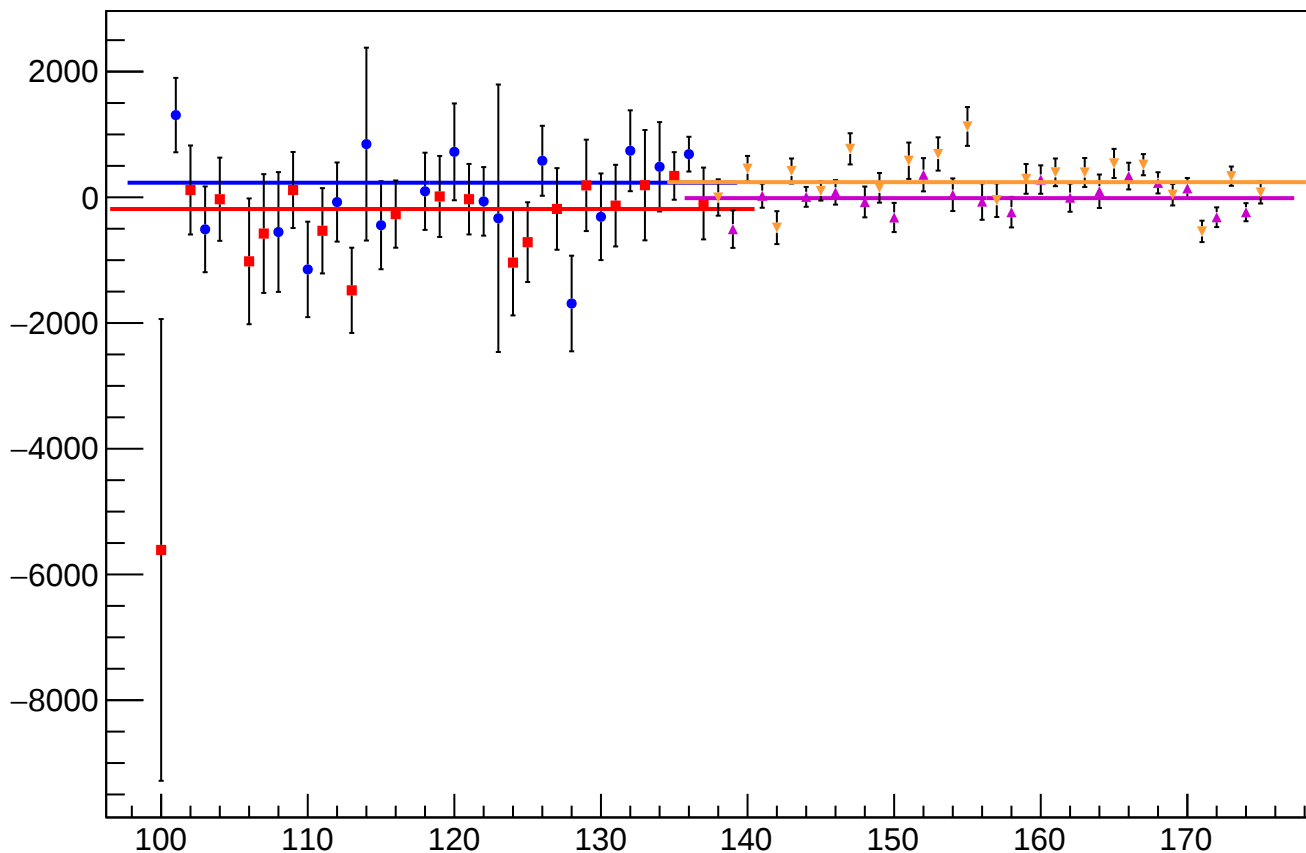
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 28.129+/-0.004 χ^2/NDF : 1210589.4/34

Out: 28.237+/-0.004 χ^2/NDF : 1952127.0/38

All: 28.184+/-0.003 χ^2/NDF : 3163015.2/73

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 ± 148.607 χ^2/NDF : 21.5/16

Left Out: 241.268 ± 46.668 χ^2/NDF : 58.6/19

Right Out: -186.198 ± 149.878 χ^2/NDF : 11.8/18

Left In: -13.074 ± 47.967 χ^2/NDF : 21.5/17

Left: 117.587 ± 33.449 χ^2/NDF : 94.5/37

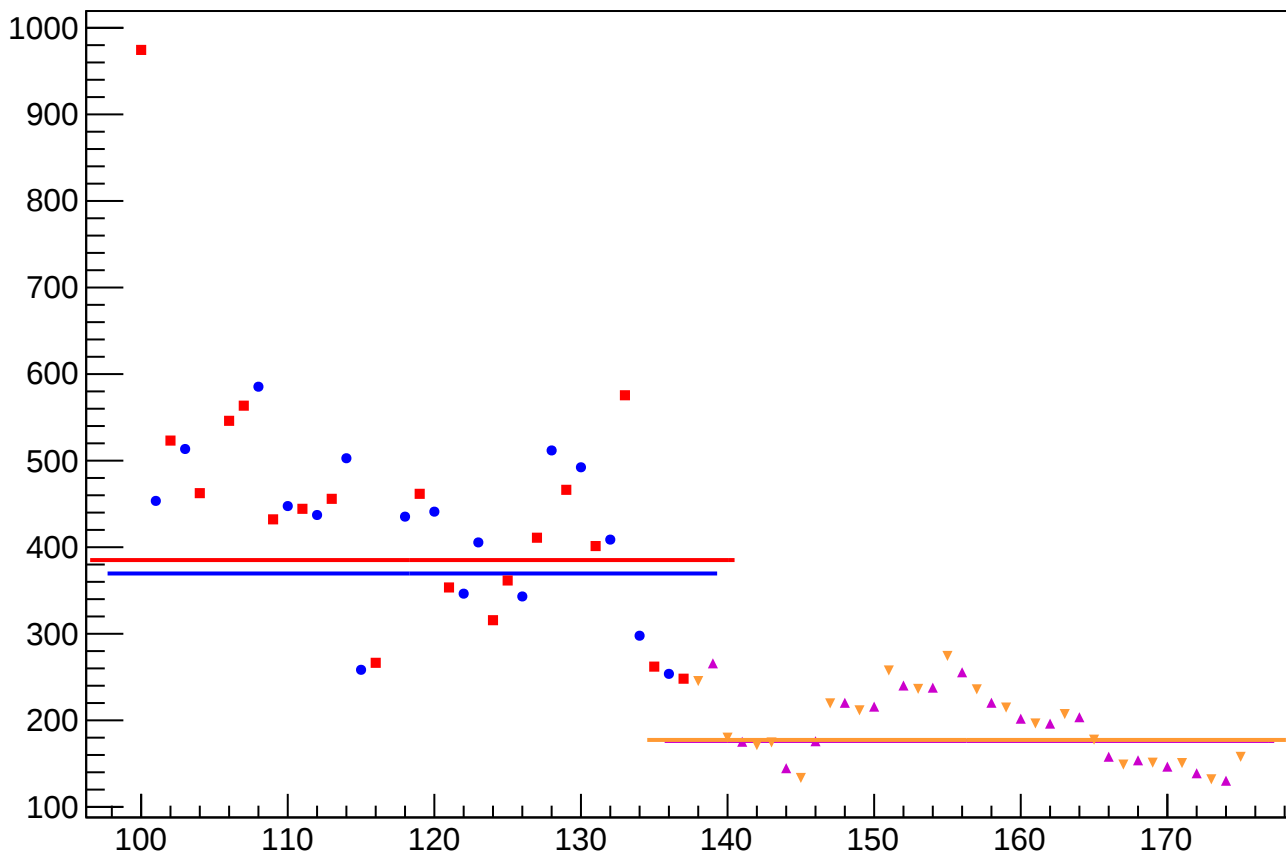
Right: 24.849 ± 105.528 χ^2/NDF : 37.2/35

In: 10.081 ± 45.648 χ^2/NDF : 45.4/34

Out: 203.487 ± 44.558 χ^2/NDF : 77.8/38

All: 109.120 ± 31.886 χ^2/NDF : 132.4/73

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 177.366 $\pm$ 0.033 χ^2 /NDF: 1376832.8/19

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 176.159 $\pm$ 0.034 χ^2 /NDF: 1324167.8/17

Left: 176.779 $\pm$ 0.024 χ^2 /NDF: 2701650.5/37

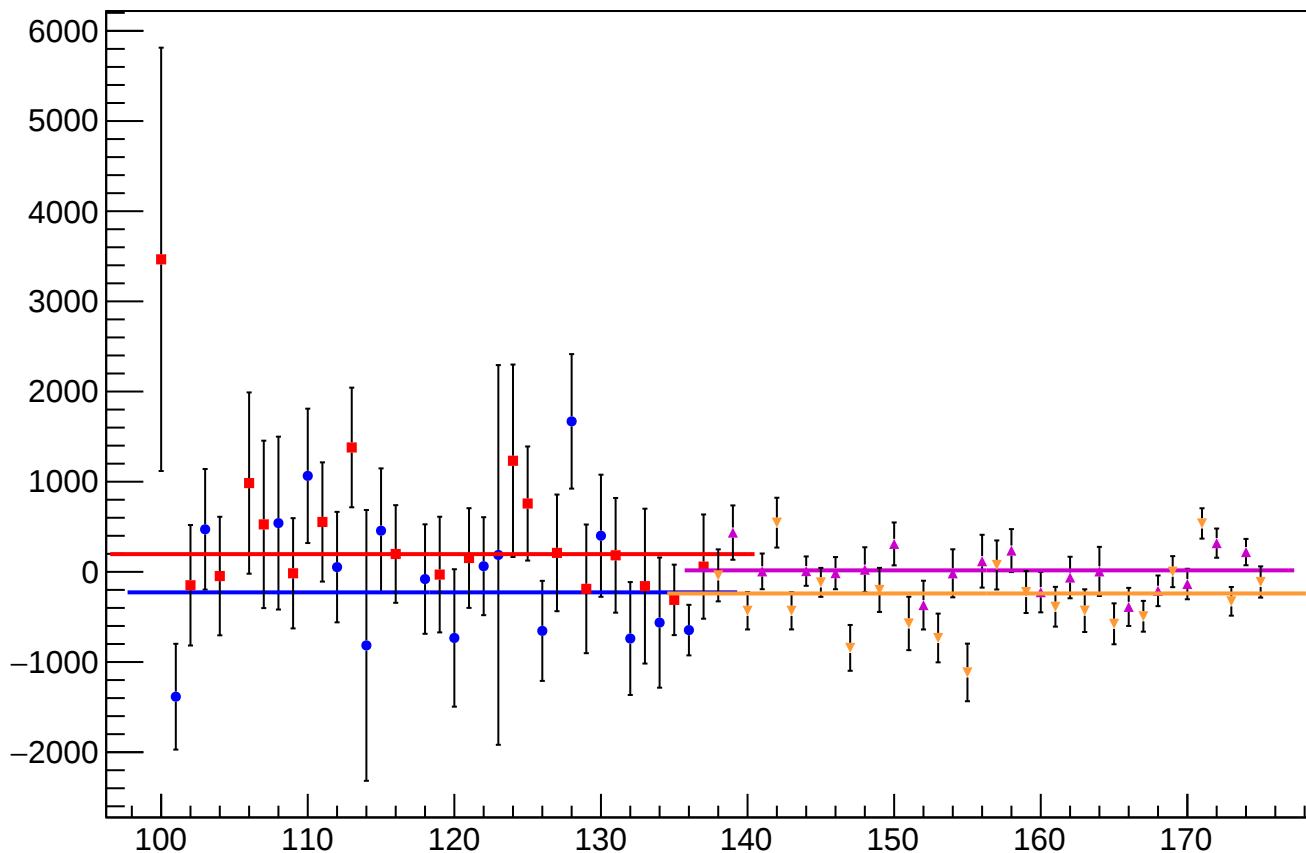
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 194.416 $\pm$ 0.032 χ^2 /NDF: 5297579.1/34

Out: 195.731 $\pm$ 0.032 χ^2 /NDF: 5807769.0/38

All: 195.089 $\pm$ 0.023 χ^2 /NDF: 11106198.1/73

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -239.544 ± 47.471 $\chi^2/\text{NDF}: 59.6/19$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 16.669 ± 48.449 $\chi^2/\text{NDF}: 19.5/17$

Left: -114.051 ± 33.908 $\chi^2/\text{NDF}: 93.3/37$

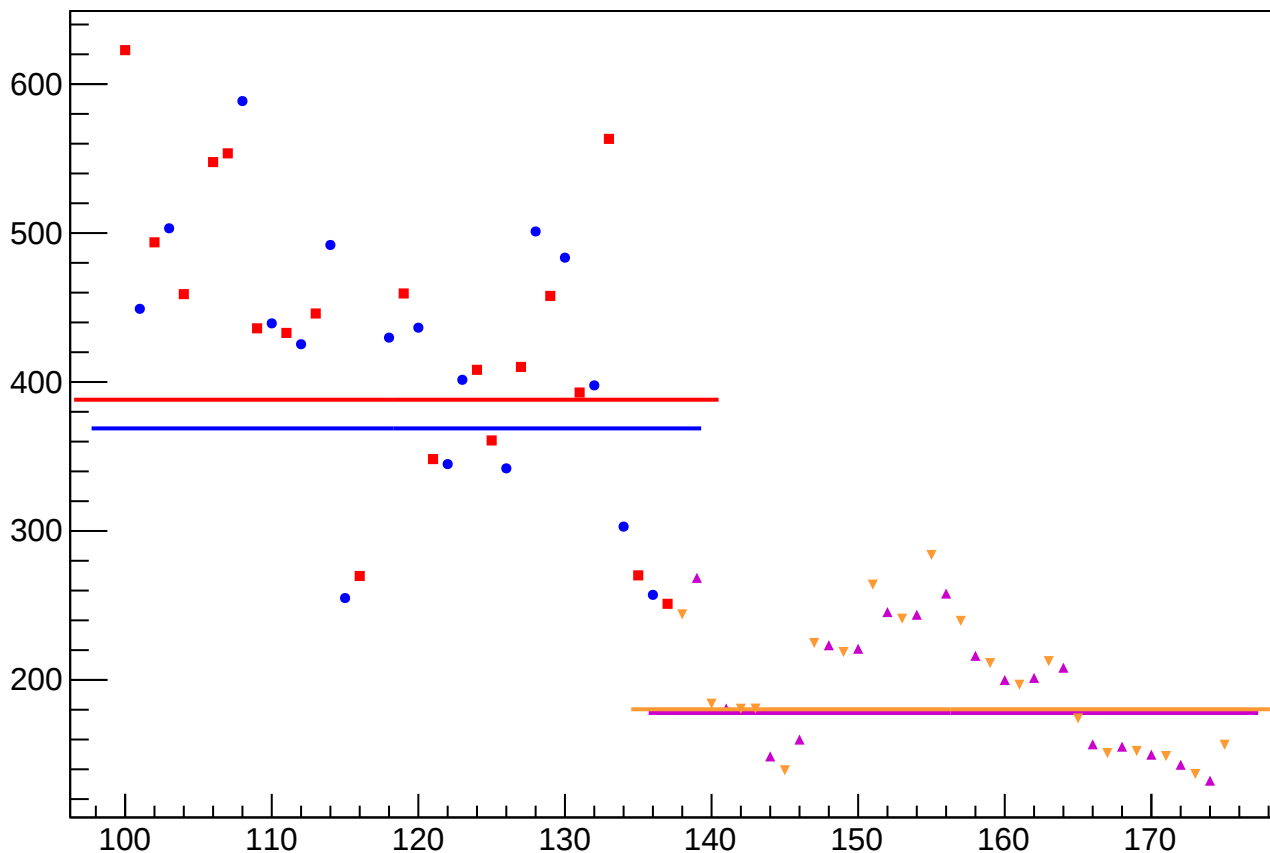
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -6.966 ± 46.043 $\chi^2/\text{NDF}: 43.8/34$

Out: -199.910 ± 45.263 $\chi^2/\text{NDF}: 78.0/38$

All: -105.084 ± 32.278 $\chi^2/\text{NDF}: 130.7/73$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 180.306 $\pm$ 0.034 χ^2 /NDF:1360348.7/19

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 177.792 $\pm$ 0.034 χ^2 /NDF:1309685.1/17

Left: 179.075 $\pm$ 0.024 χ^2 /NDF: 2672780.3/37

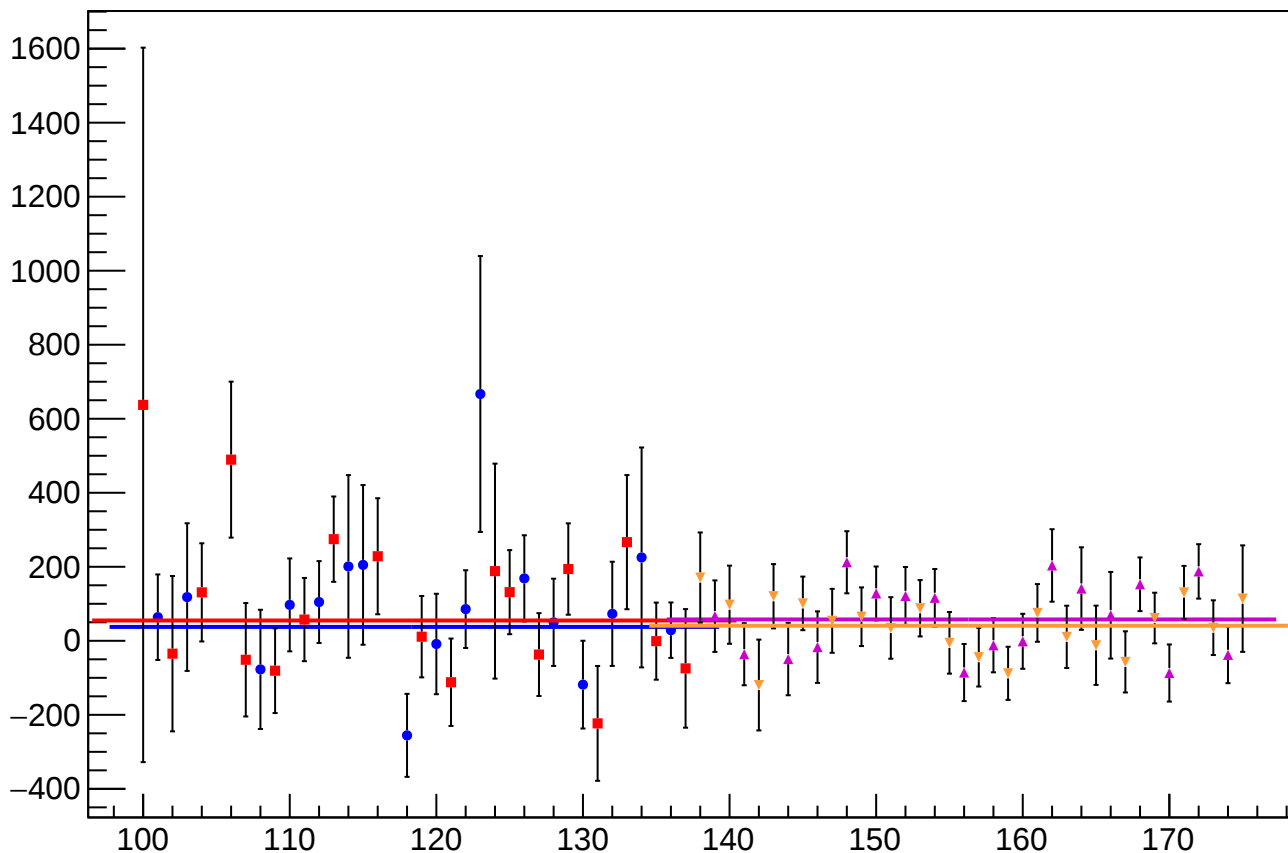
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 196.304 $\pm$ 0.033 χ^2 /NDF:5153079.4/34

Out: 199.185 $\pm$ 0.032 χ^2 /NDF:5620661.5/38

All: 197.769 $\pm$ 0.023 χ^2 /NDF: 10777722.6/73

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 40.767 $\pm$ 18.791 χ^2 /NDF:13.7/19

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 57.685 $\pm$ 19.512 χ^2 /NDF:26.3/17

Left: 48.908 $\pm$ 13.535 χ^2 /NDF: 40.4/37

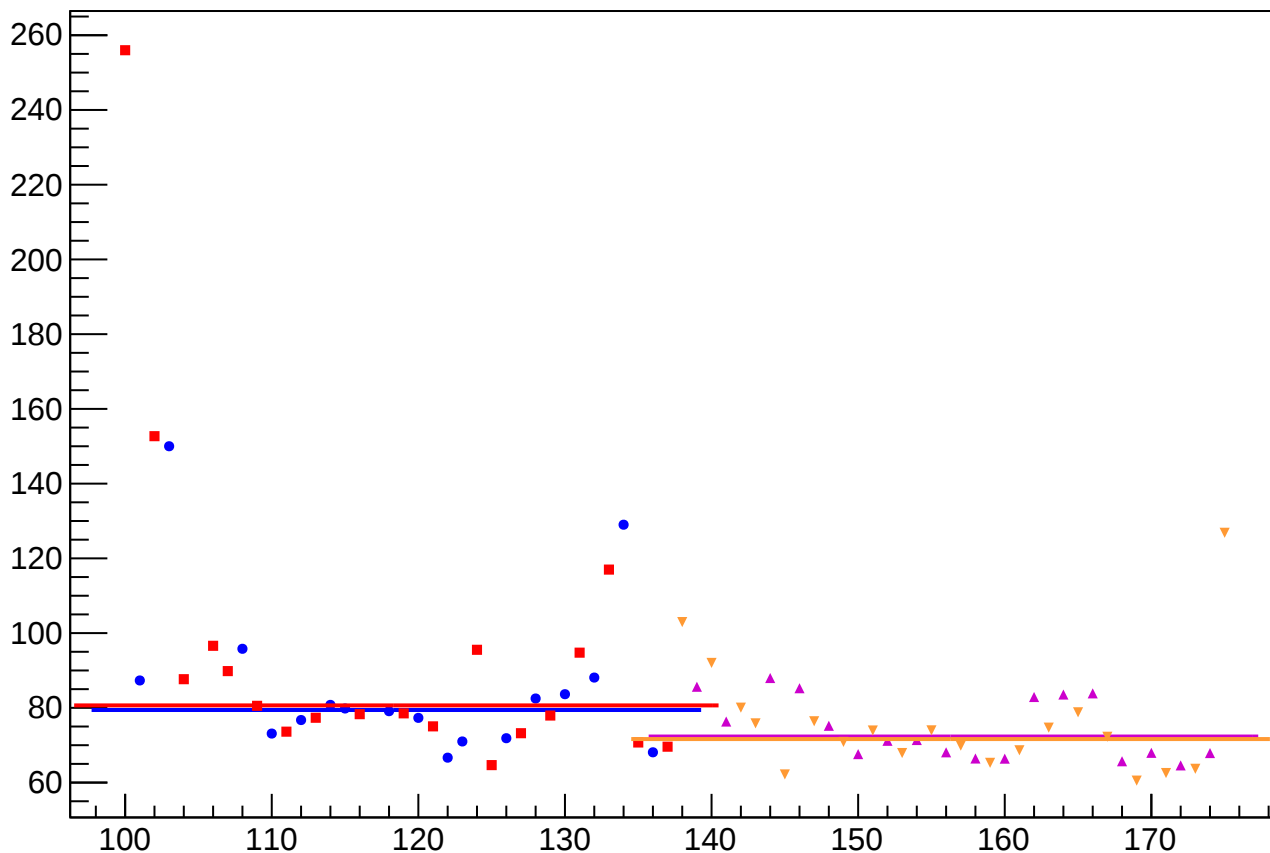
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 52.087 $\pm$ 16.582 χ^2 /NDF:42.4/34

Out: 44.480 $\pm$ 16.134 χ^2 /NDF:36.0/38

All: 48.179 $\pm$ 11.564 χ^2 /NDF: 78.6/73

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 71.645 $\pm$ 0.013 χ^2 /NDF: 702615.5/19

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 72.320 $\pm$ 0.014 χ^2 /NDF: 287498.6/17

Left: 71.970 $\pm$ 0.010 χ^2 /NDF: 991357.0/37

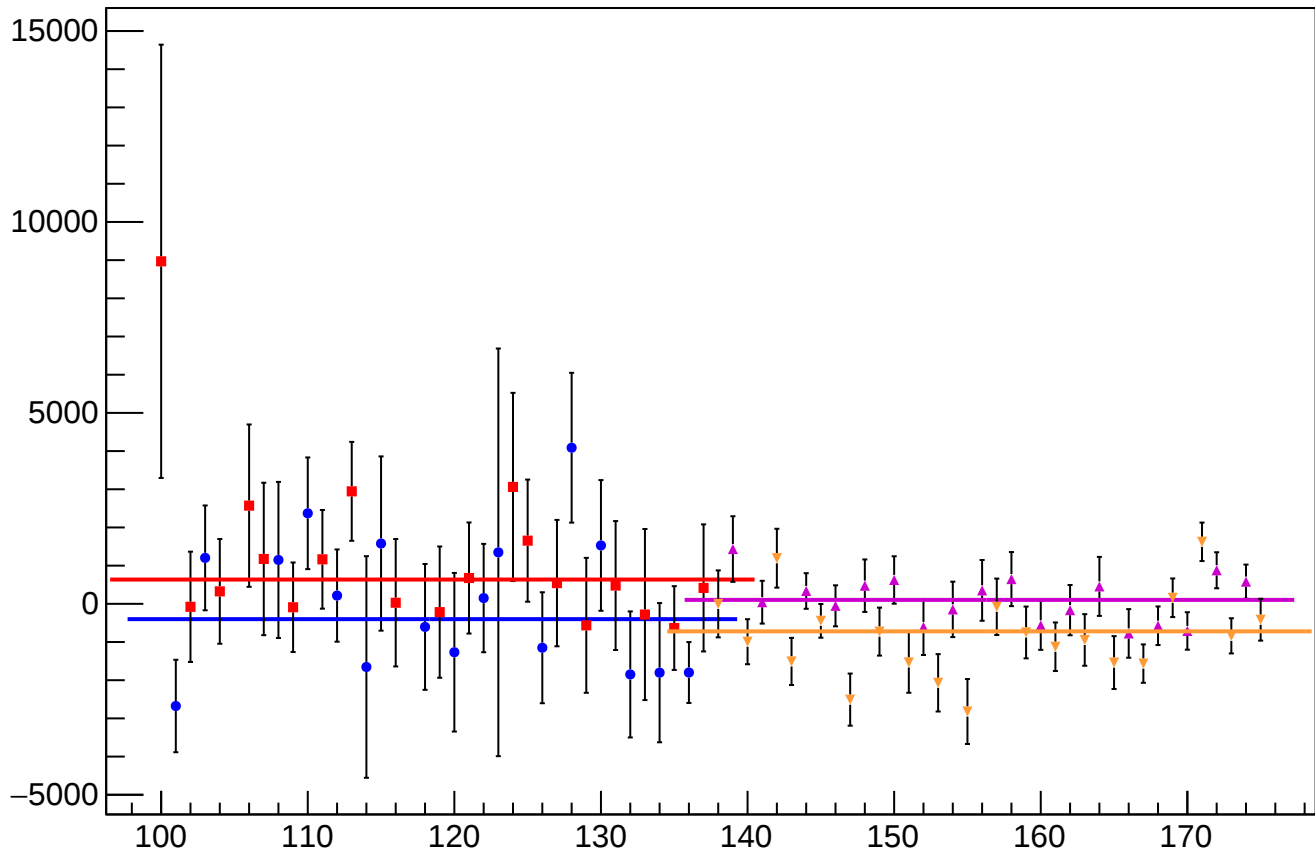
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 74.293 $\pm$ 0.012 χ^2 /NDF: 800132.3/34

Out: 74.012 $\pm$ 0.011 χ^2 /NDF: 1343812.1/38

All: 74.149 $\pm$ 0.008 χ^2 /NDF: 2144239.6/73

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -720.619+/-136.544 χ^2/NDF : 56.8/19

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 103.237+/-139.855 χ^2/NDF : 17.3/17

Left: -318.557+/-97.701 χ^2/NDF : 91.9/37

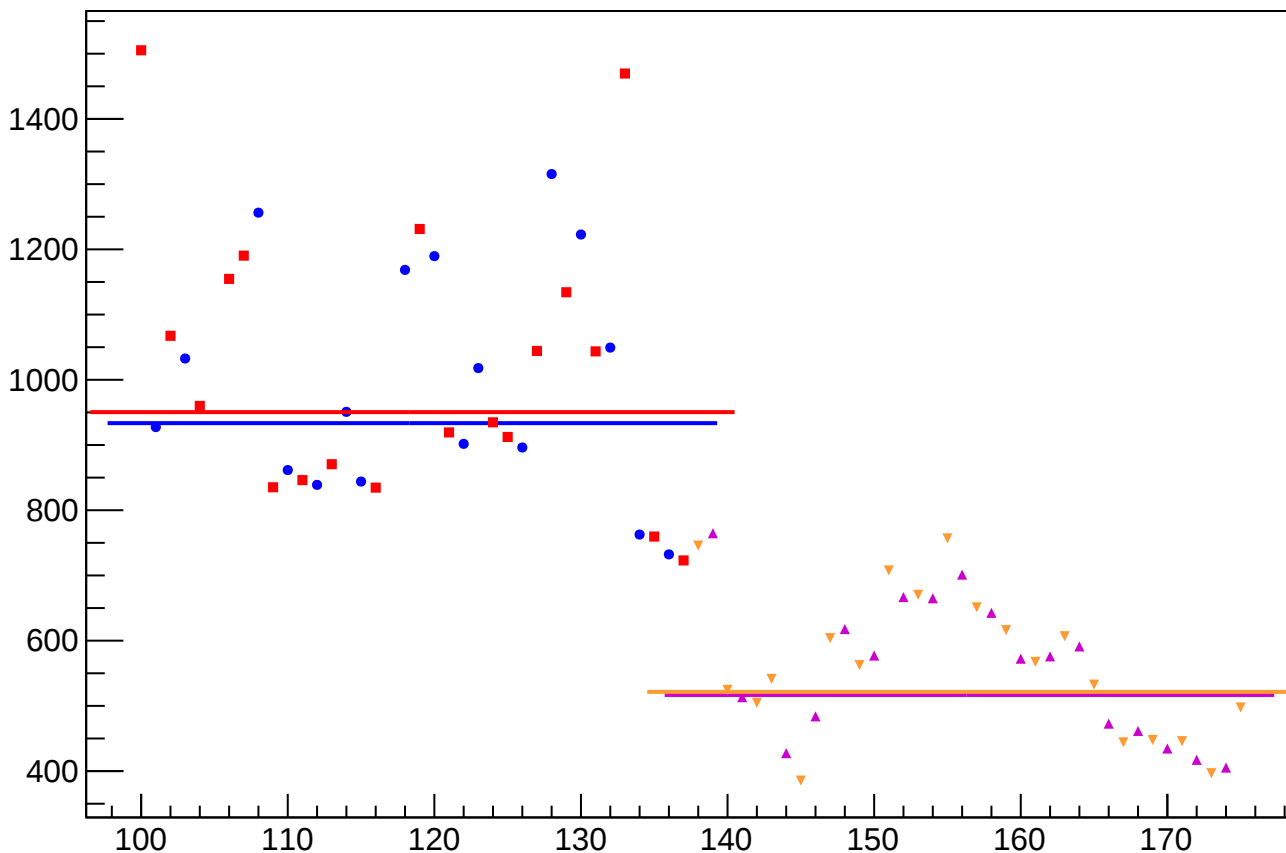
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 39.739+/-130.754 χ^2/NDF : 40.8/34

Out: -552.382+/-127.798 χ^2/NDF : 79.9/38

All: -263.088+/-91.394 χ^2/NDF : 131.2/73

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 $\chi^2/\text{NDF}: 442321.9/16$

Left Out: 521.468 ± 0.097 $\chi^2/\text{NDF}: 1131757.4/19$

Right Out: 950.411 ± 0.257 $\chi^2/\text{NDF}: 424360.9/18$

Left In: 516.744 ± 0.099 $\chi^2/\text{NDF}: 1000190.4/17$

Left: 519.162 ± 0.069 $\chi^2/\text{NDF}: 2133116.0/37$

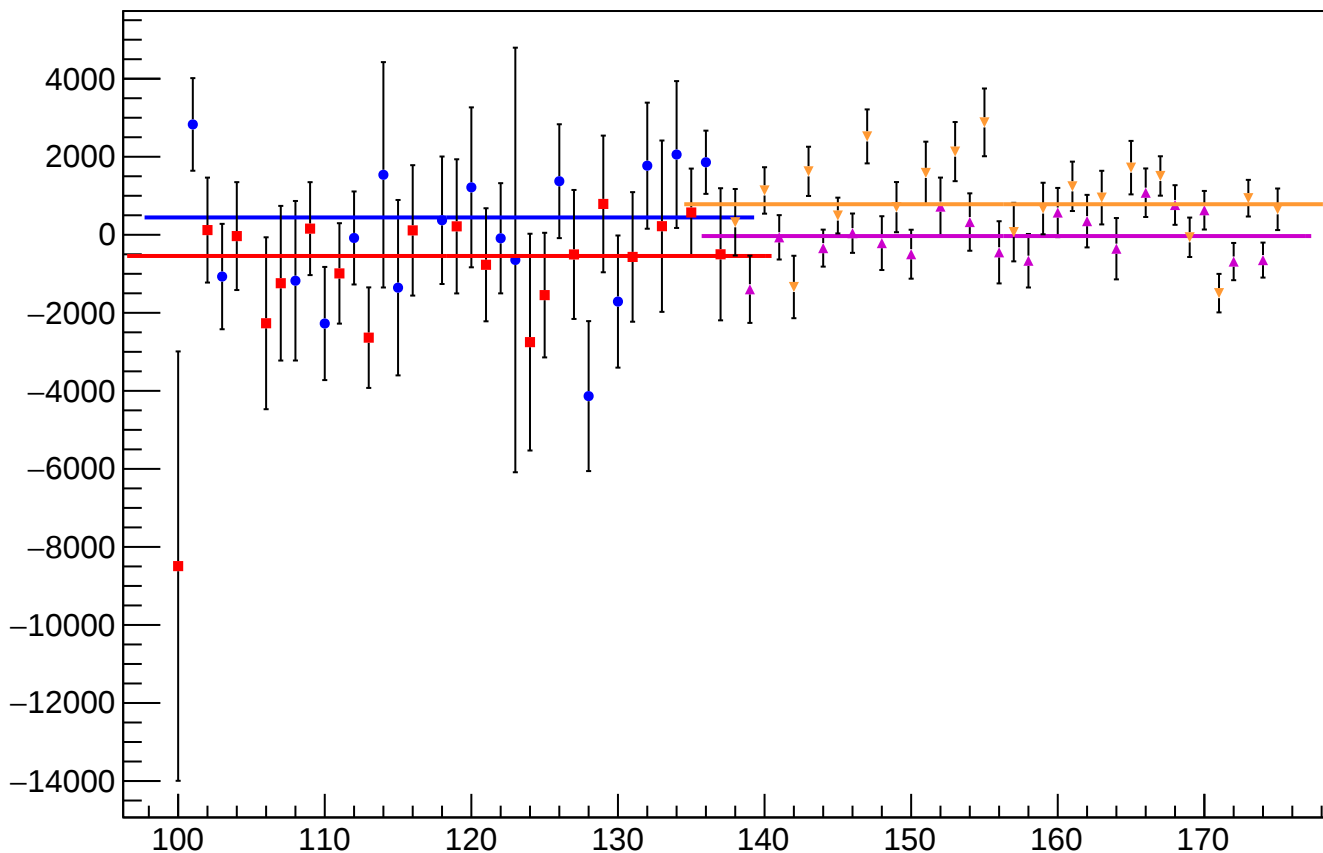
Right: 942.099 ± 0.183 $\chi^2/\text{NDF}: 868813.4/35$

In: 569.224 ± 0.092 $\chi^2/\text{NDF}: 3679085.6/34$

Out: 574.657 ± 0.090 $\chi^2/\text{NDF}: 4003522.3/38$

All: 572.002 ± 0.065 $\chi^2/\text{NDF}: 7684373.8/73$

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 783.537+/-137.381 χ^2/NDF :55.9/19

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -32.503+/-139.923 χ^2/NDF :18.6/17

Left: 382.996+/-98.030 χ^2/NDF : 91.8/37

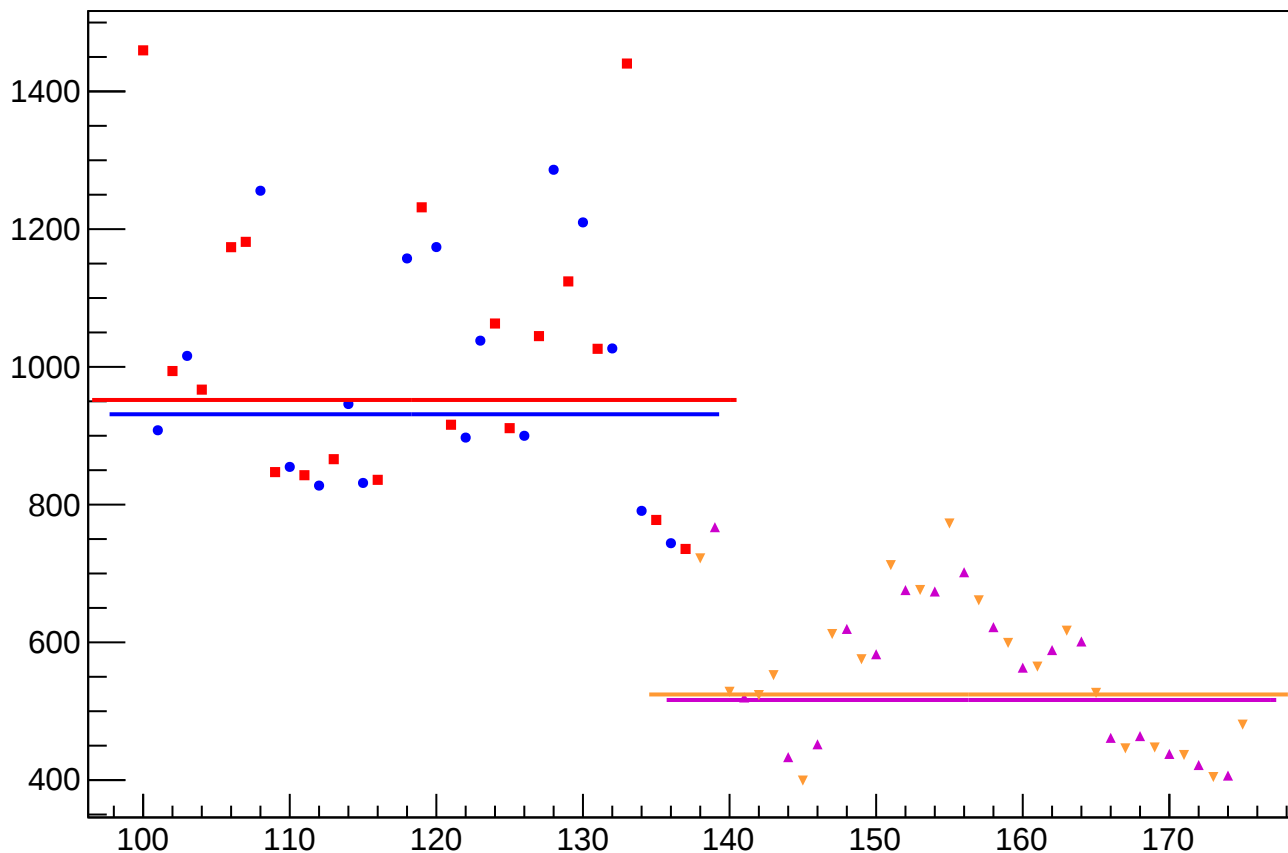
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 28.028+/-130.747 χ^2/NDF :43.0/34

Out: 617.589+/-128.501 χ^2/NDF :77.0/38

All: 327.916+/-91.648 χ^2/NDF : 130.3/73

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 524.330 $\pm$ 0.097 χ^2/NDF :1097110.0/19

Right Out: 951.963 $\pm$ 0.257 χ^2/NDF : 382648.6/18

Left In: 516.305 $\pm$ 0.099 χ^2/NDF :1013350.1/17

Left: 520.391 $\pm$ 0.069 χ^2/NDF : 2113809.9/37

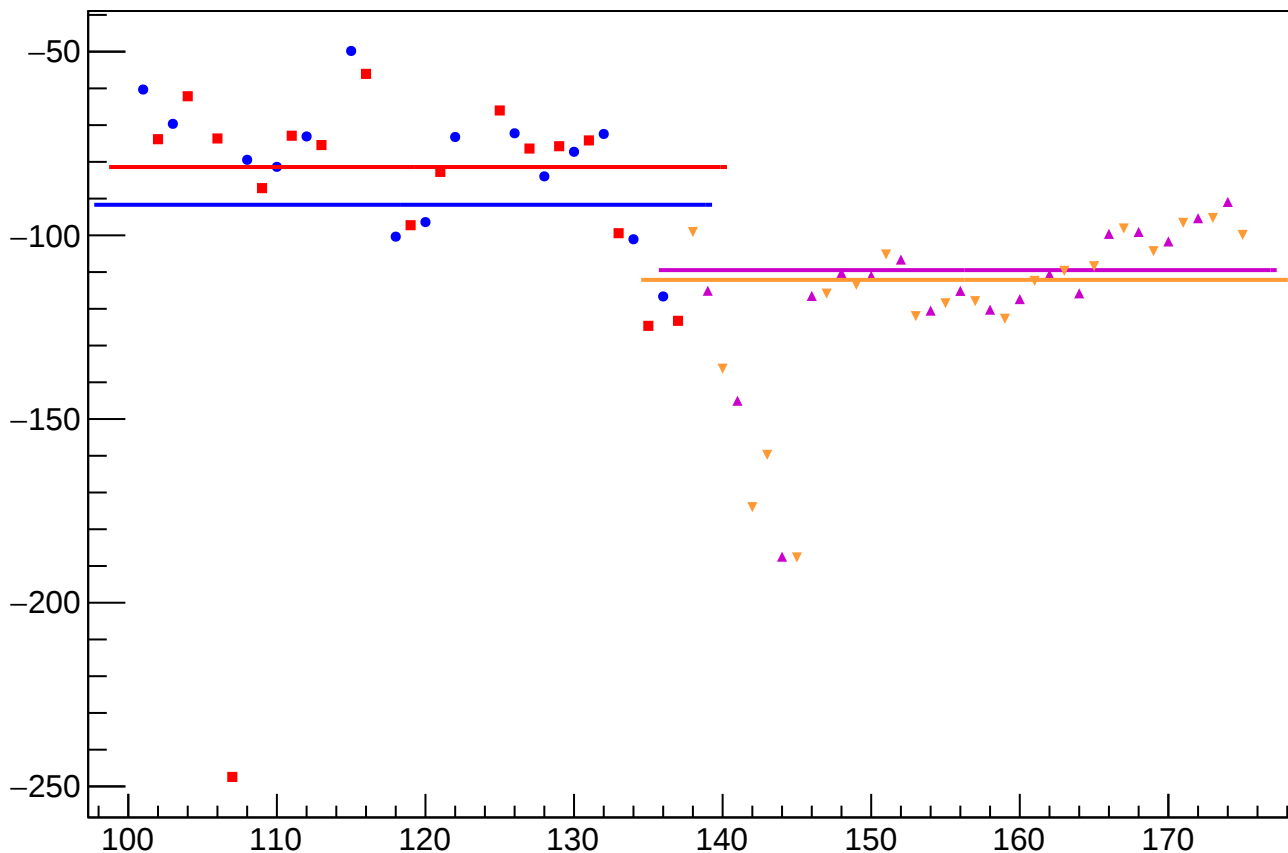
Right: 941.690 $\pm$ 0.183 χ^2/NDF : 786122.1/35

In: 568.936 $\pm$ 0.092 χ^2/NDF :3644258.0/34

Out: 577.825 $\pm$ 0.091 χ^2/NDF :3903920.1/38

All: 573.457 $\pm$ 0.065 χ^2/NDF : 7552880.7/73

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 $\pm$ 0.070 χ^2 /NDF: 64621.9/14

Left Out: -112.117 $\pm$ 0.060 χ^2 /NDF: 51738.9/19

Right Out: -81.406 $\pm$ 0.098 χ^2 /NDF: 41708.8/16

Left In: -109.466 $\pm$ 0.053 χ^2 /NDF: 99894.9/17

Left: -110.625 $\pm$ 0.039 χ^2 /NDF: 152749.4/37

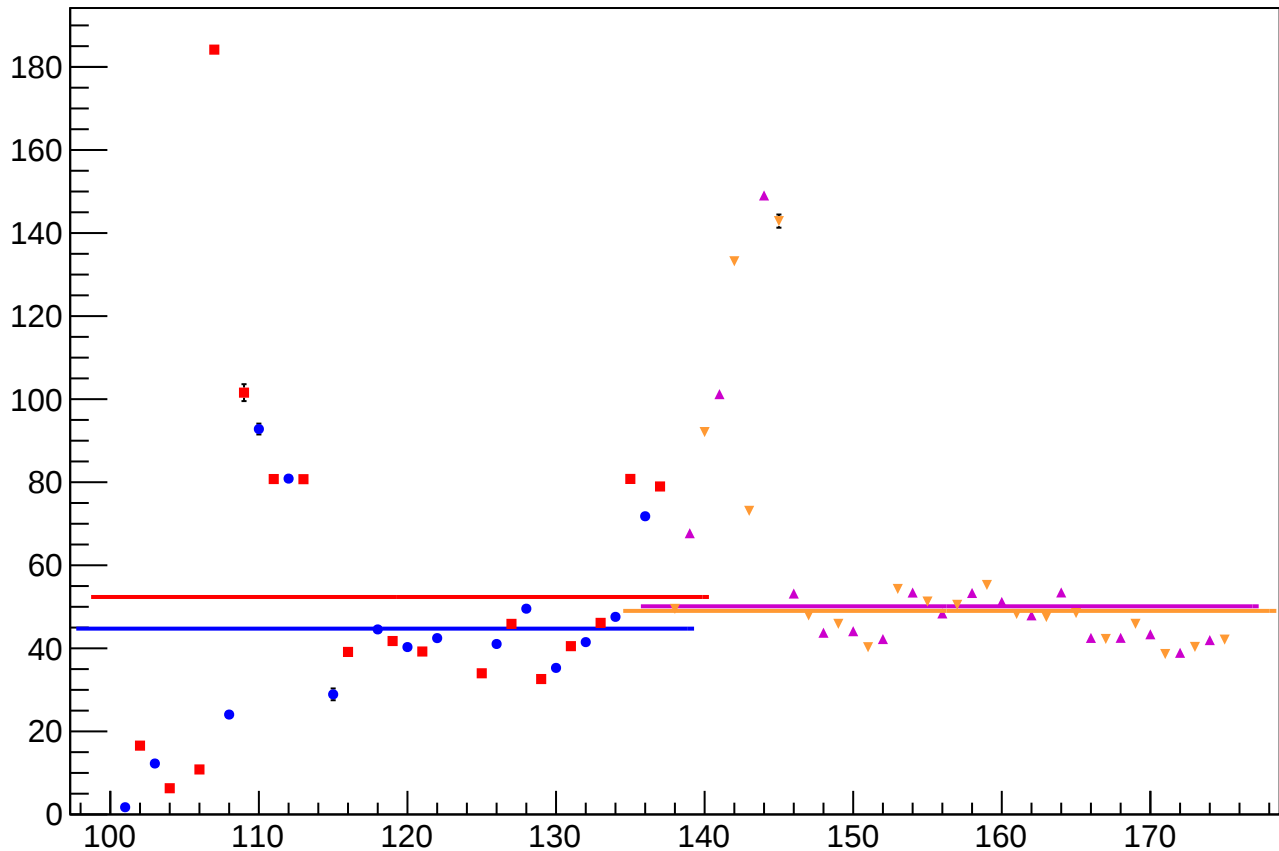
Right: -88.221 $\pm$ 0.057 χ^2 /NDF: 113551.1/31

In: -103.078 $\pm$ 0.042 χ^2 /NDF: 205734.4/32

Out: -103.894 $\pm$ 0.051 χ^2 /NDF: 164677.5/36

All: -103.408 $\pm$ 0.032 χ^2 /NDF: 370564.7/69

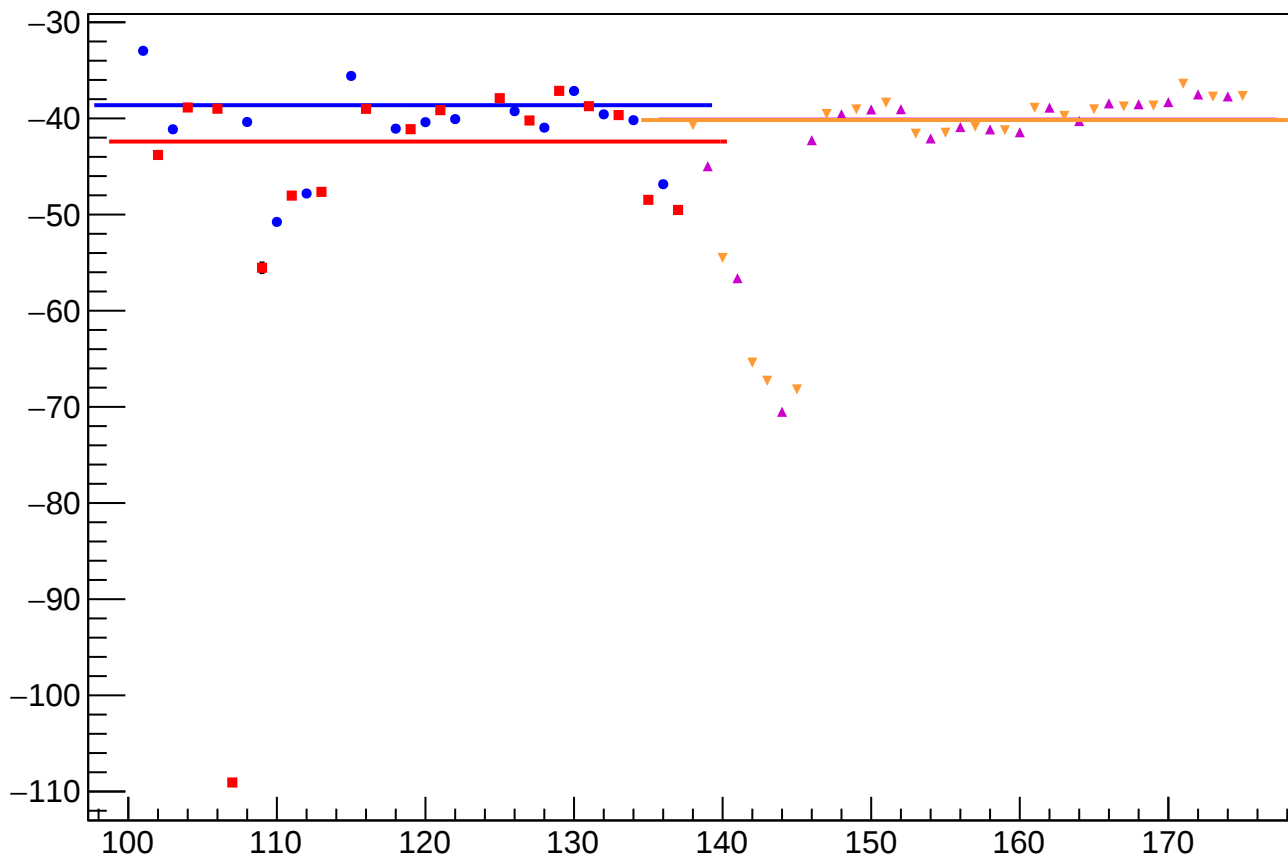
dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14
 Left Out: 49.018 $\pm$ 0.049 χ^2/NDF :54906.0/19
 Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16
 Left In: 50.123 $\pm$ 0.046 χ^2/NDF :133580.9/17

Left: 49.607 $\pm$ 0.034 χ^2/NDF : 188757.7/37
 Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31
 In: 48.160 $\pm$ 0.037 χ^2/NDF :223285.9/32
 Out: 49.552 $\pm$ 0.045 χ^2/NDF :124935.2/36
 All: 48.715 $\pm$ 0.028 χ^2/NDF : 348797.3/69

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -40.170 ± 0.007 χ^2/NDF : 235352.9/19

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -40.126 ± 0.008 χ^2/NDF : 181169.4/17

Left: -40.150 ± 0.005 χ^2/NDF : 416539.0/37

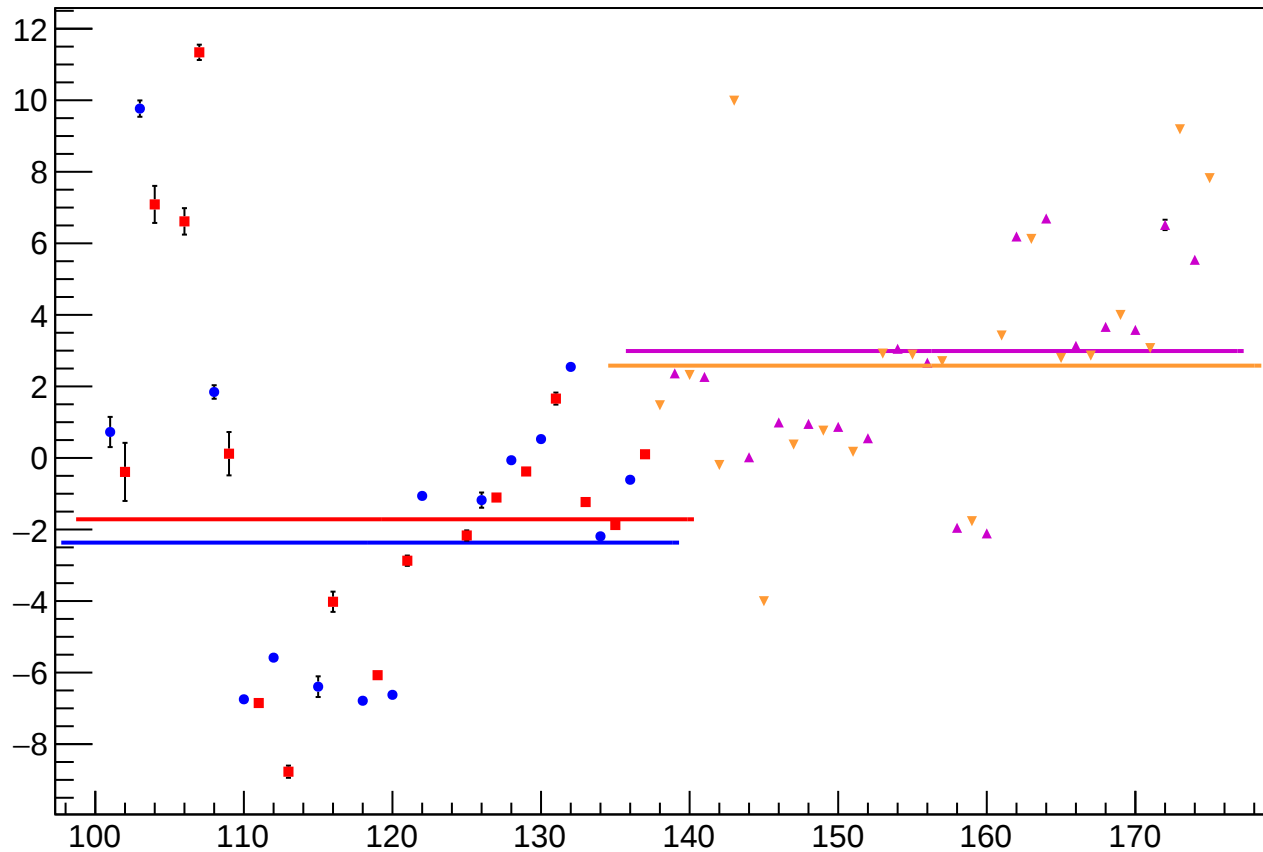
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.406 ± 0.006 χ^2/NDF : 438426.4/32

Out: -40.407 ± 0.007 χ^2/NDF : 514355.1/36

All: -39.812 ± 0.004 χ^2/NDF : 965179.3/69

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.581 ± 0.008 χ^2/NDF : 104308.1/19

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 2.989 ± 0.007 χ^2/NDF : 153518.9/17

Left: 2.825 ± 0.005 χ^2/NDF : 259383.0/37

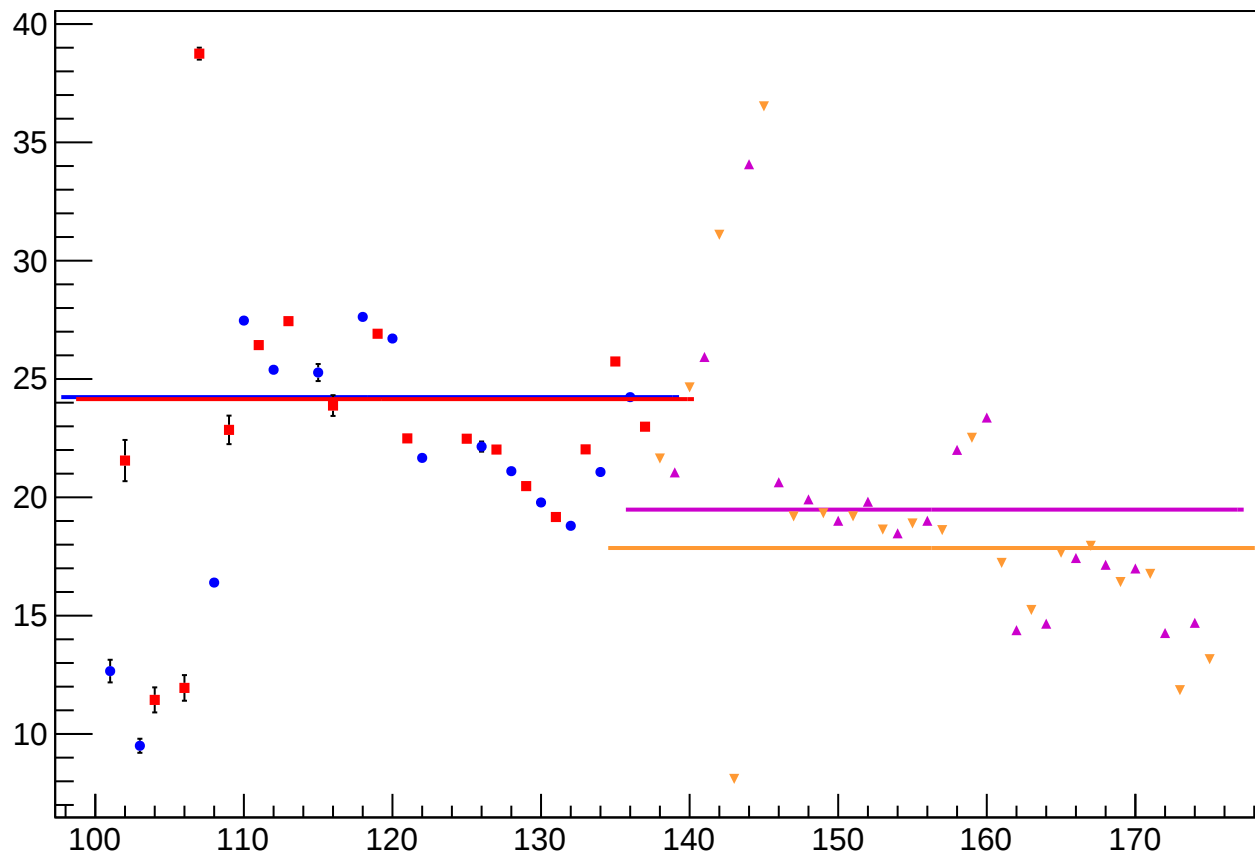
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.032 ± 0.006 χ^2/NDF : 301271.9/32

Out: 2.234 ± 0.008 χ^2/NDF : 140311.3/36

All: 2.108 ± 0.005 χ^2/NDF : 442014.2/69

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 17.858 $\pm$ 0.008 χ^2 /NDF:114460.9/19

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.481 $\pm$ 0.008 χ^2 /NDF:117128.6/17

Left: 18.684 $\pm$ 0.006 χ^2 /NDF: 252041.4/37

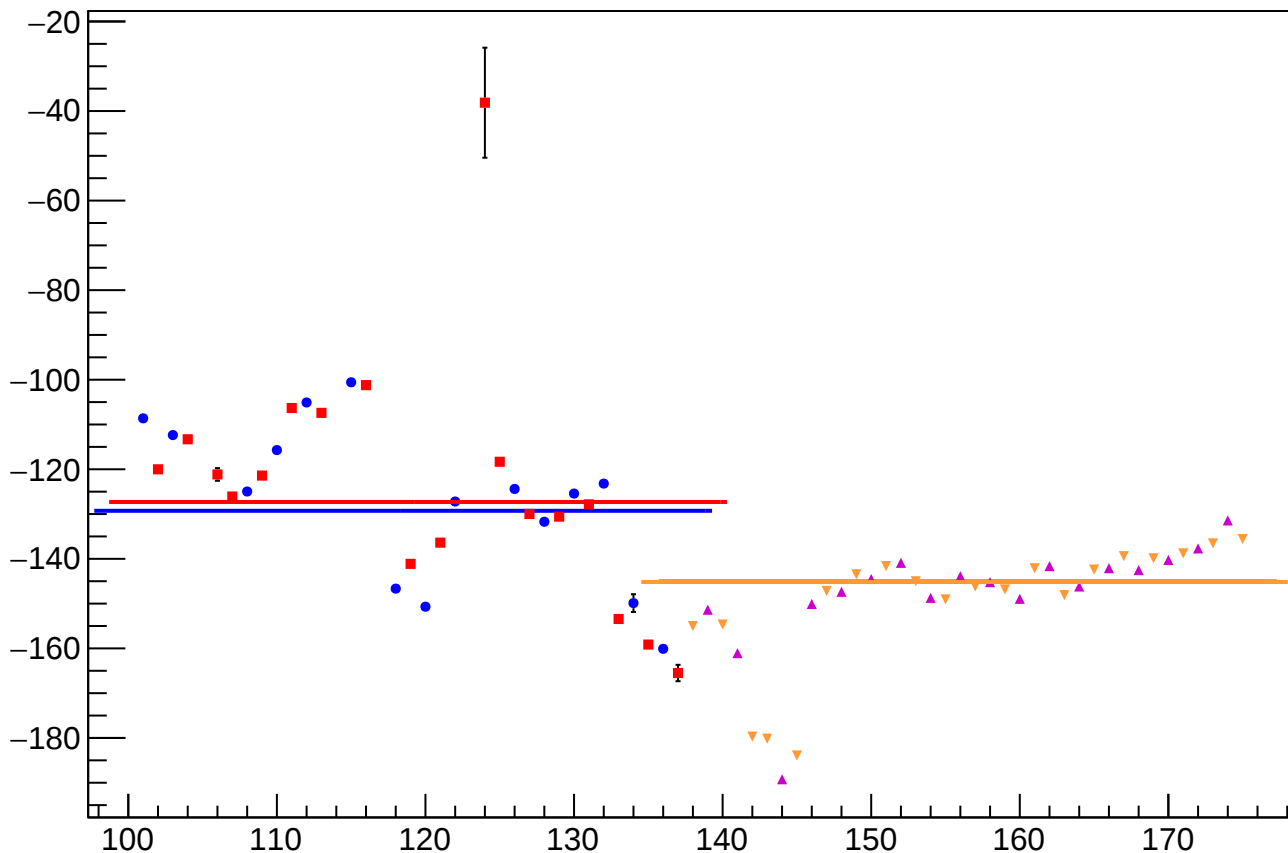
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.028 $\pm$ 0.007 χ^2 /NDF:180265.4/32

Out: 18.483 $\pm$ 0.008 χ^2 /NDF:187707.4/36

All: 19.277 $\pm$ 0.005 χ^2 /NDF: 388748.2/69

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -145.163 ± 0.048 χ^2/NDF : 41269.8/19

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -145.064 ± 0.049 χ^2/NDF : 32161.0/17

Left: -145.115 ± 0.035 χ^2/NDF : 73432.8/37

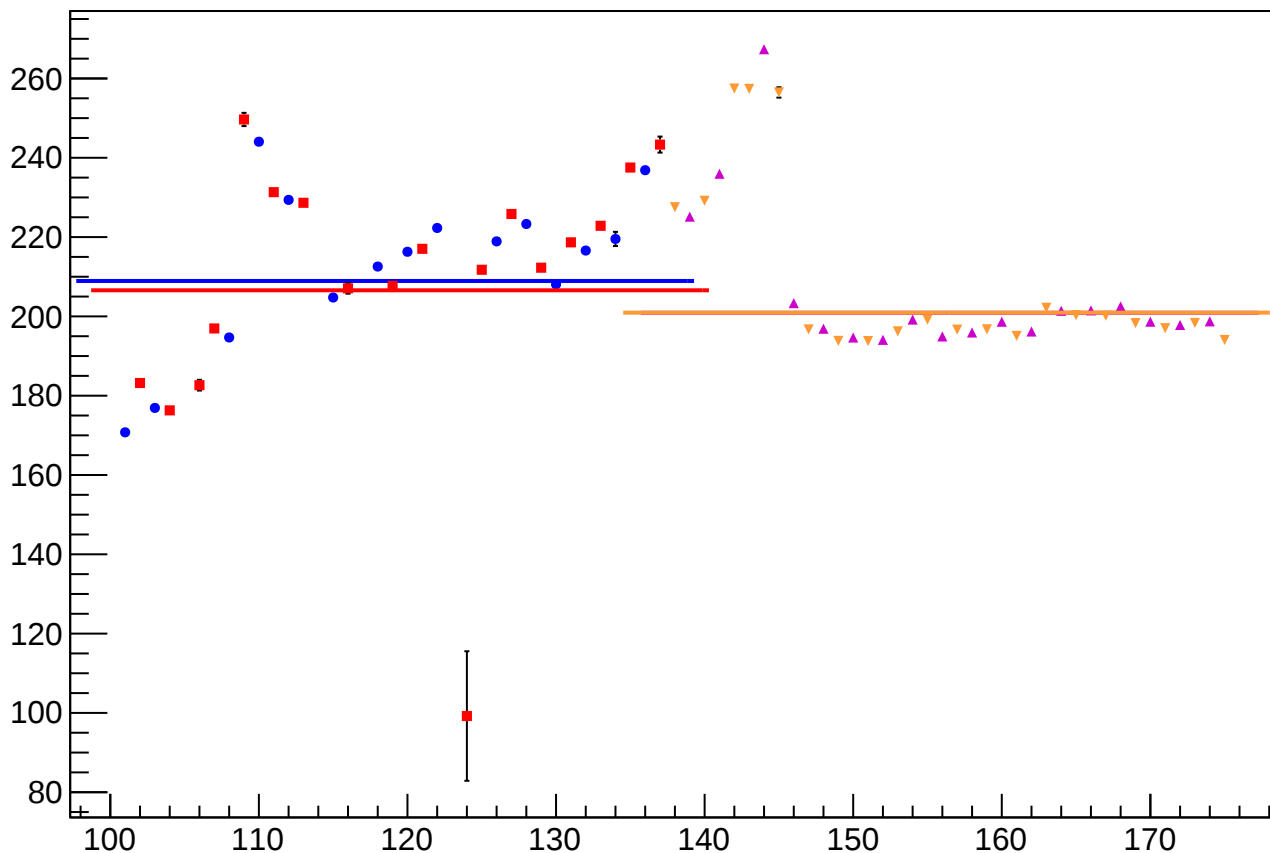
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.259 ± 0.043 χ^2/NDF : 91839.6/32

Out: -140.742 ± 0.042 χ^2/NDF : 104628.4/37

All: -140.993 ± 0.030 χ^2/NDF : 196542.0/70

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 ± 0.089 $\chi^2/\text{NDF}: 44684.8/14$

Left Out: 200.946 ± 0.041 $\chi^2/\text{NDF}: 107485.6/19$

Right Out: 206.581 ± 0.083 $\chi^2/\text{NDF}: 48210.8/17$

Left In: 200.908 ± 0.043 $\chi^2/\text{NDF}: 76921.3/17$

Left: 200.928 ± 0.030 $\chi^2/\text{NDF}: 184407.3/37$

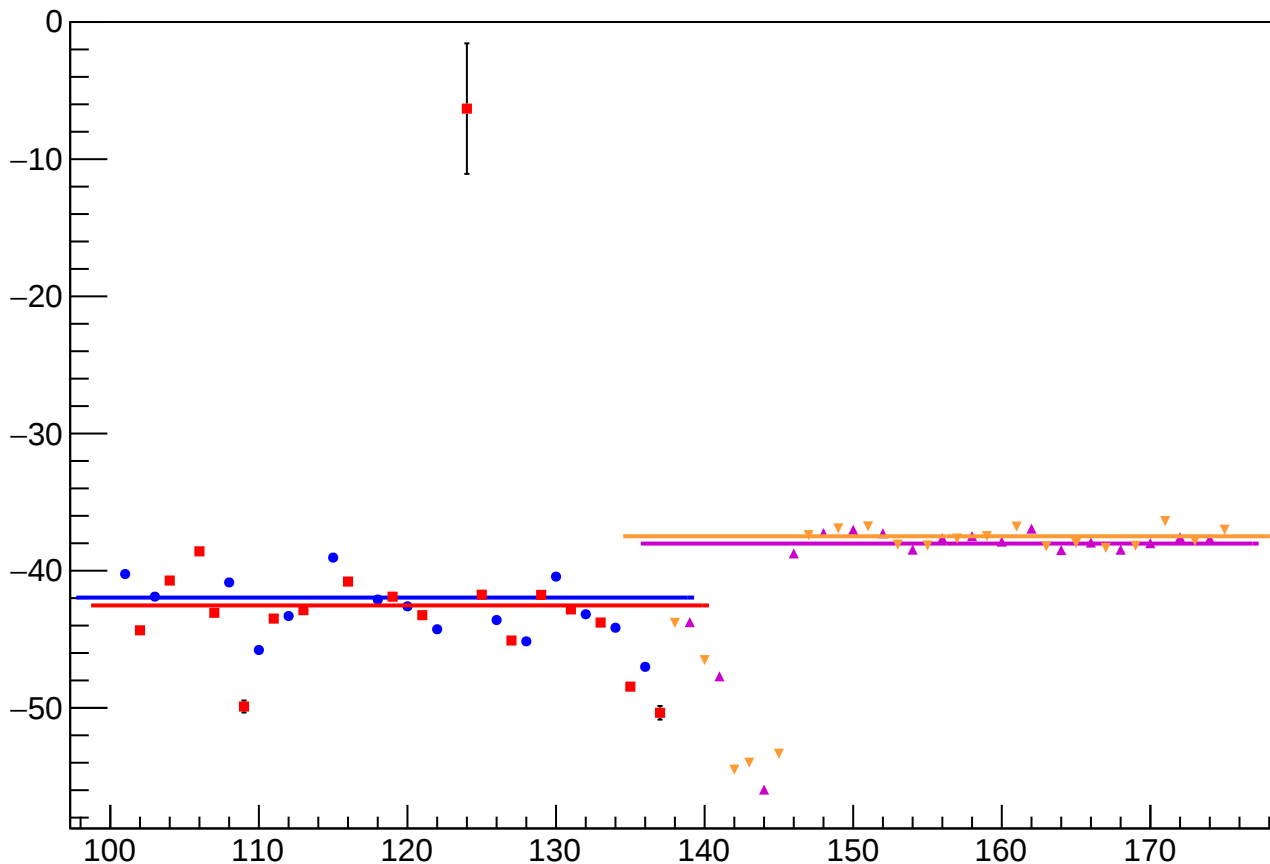
Right: 207.675 ± 0.061 $\chi^2/\text{NDF}: 93267.6/32$

In: 202.420 ± 0.039 $\chi^2/\text{NDF}: 128175.7/32$

Out: 202.037 ± 0.037 $\chi^2/\text{NDF}: 159396.4/37$

All: 202.218 ± 0.027 $\chi^2/\text{NDF}: 287624.0/70$

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.491 ± 0.004 $\chi^2/\text{NDF}: 227993.2/19$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.021 ± 0.005 $\chi^2/\text{NDF}: 134011.0/17$

Left: -37.713 ± 0.003 $\chi^2/\text{NDF}: 369474.5/37$

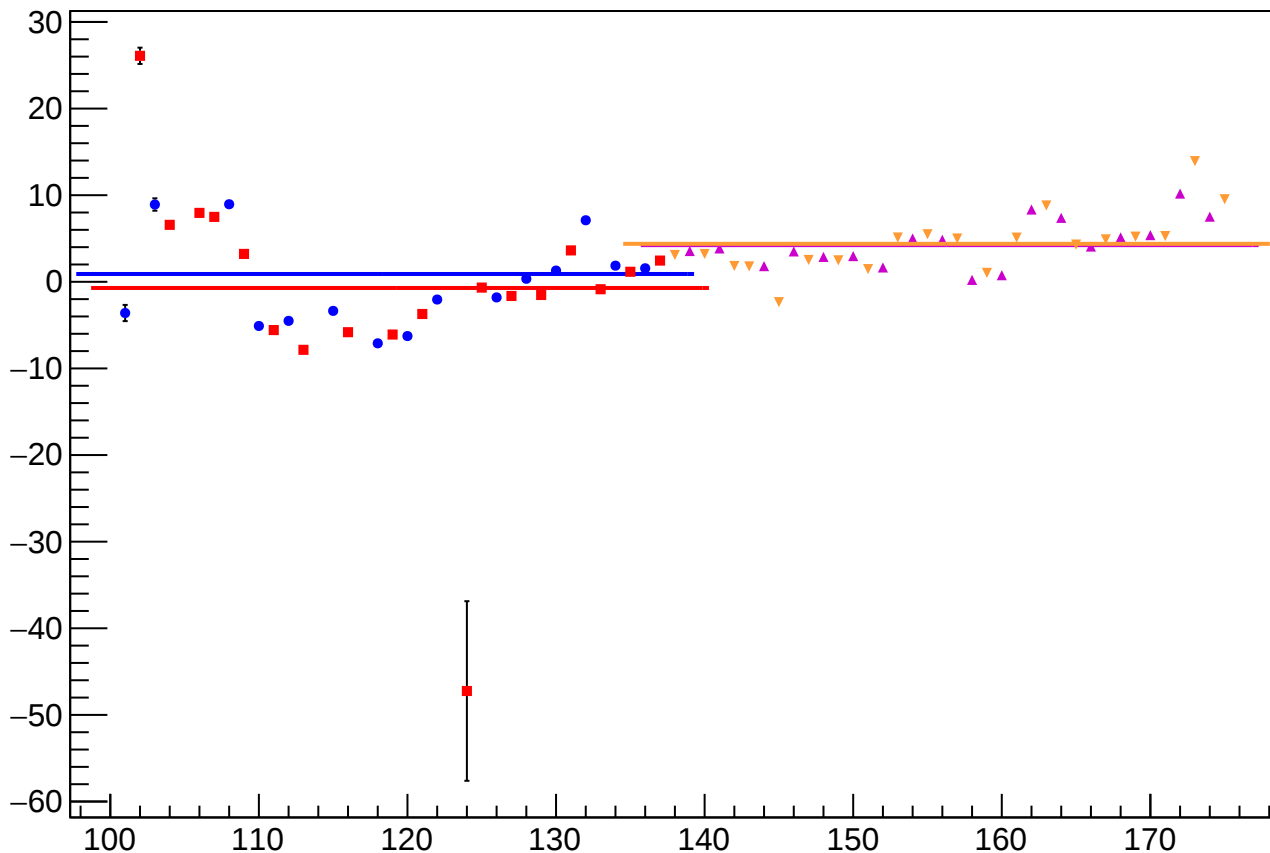
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.346 ± 0.004 $\chi^2/\text{NDF}: 216663.2/32$

Out: -37.671 ± 0.004 $\chi^2/\text{NDF}: 291576.2/37$

All: -37.962 ± 0.003 $\chi^2/\text{NDF}: 521146.0/70$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.385 ± 0.006 χ^2/NDF : 124175.3/19

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 4.234 ± 0.007 χ^2/NDF : 90043.7/17

Left: 4.321 ± 0.005 χ^2/NDF : 214459.9/37

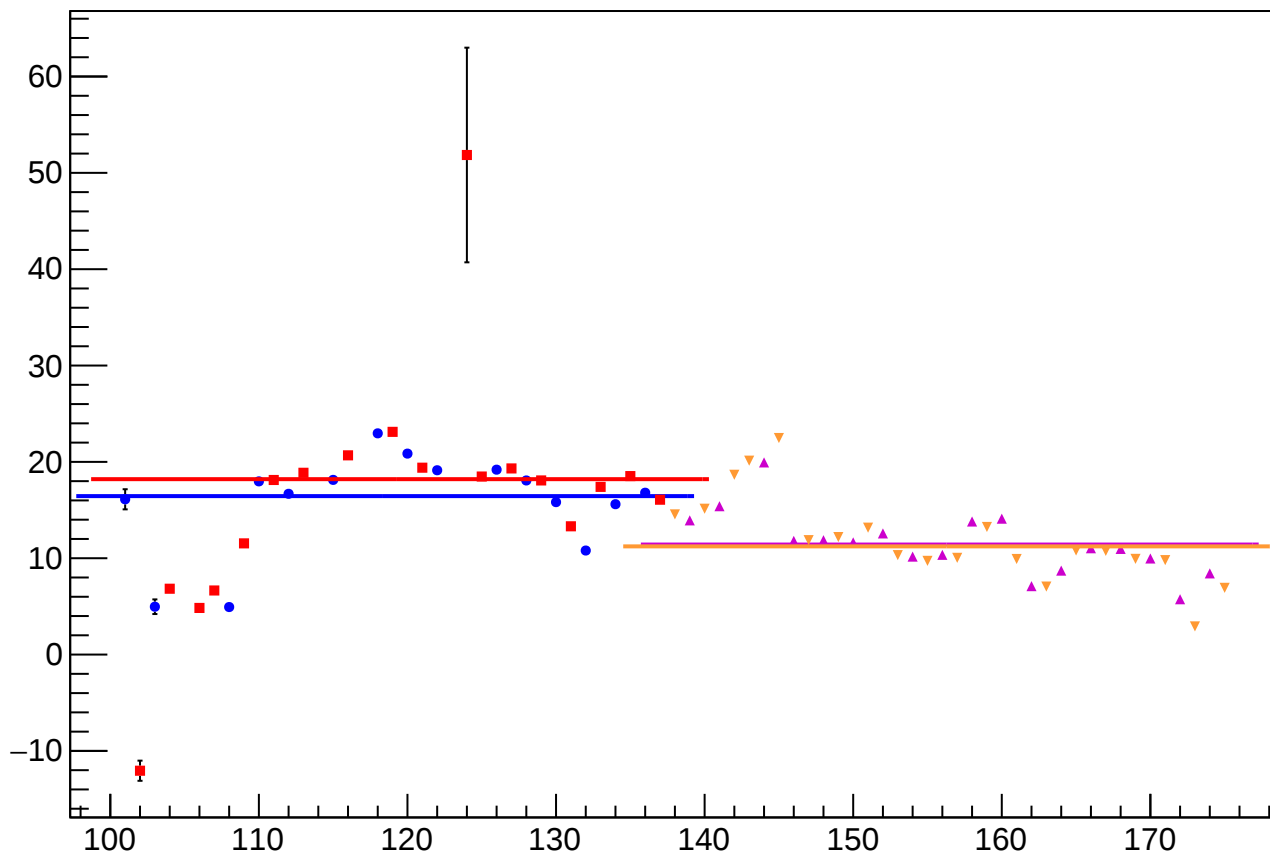
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 3.832 ± 0.007 χ^2/NDF : 135467.1/32

Out: 4.061 ± 0.006 χ^2/NDF : 196083.5/37

All: 3.961 ± 0.005 χ^2/NDF : 332160.7/70

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2/NDF : 14183.1/14

Left Out: 11.230 $\pm$ 0.008 χ^2/NDF :113884.3/19

Right Out: 18.207 $\pm$ 0.020 χ^2/NDF : 27493.7/17

Left In: 11.419 $\pm$ 0.009 χ^2/NDF :63464.9/17

Left: 11.315 $\pm$ 0.006 χ^2/NDF : 177584.4/37

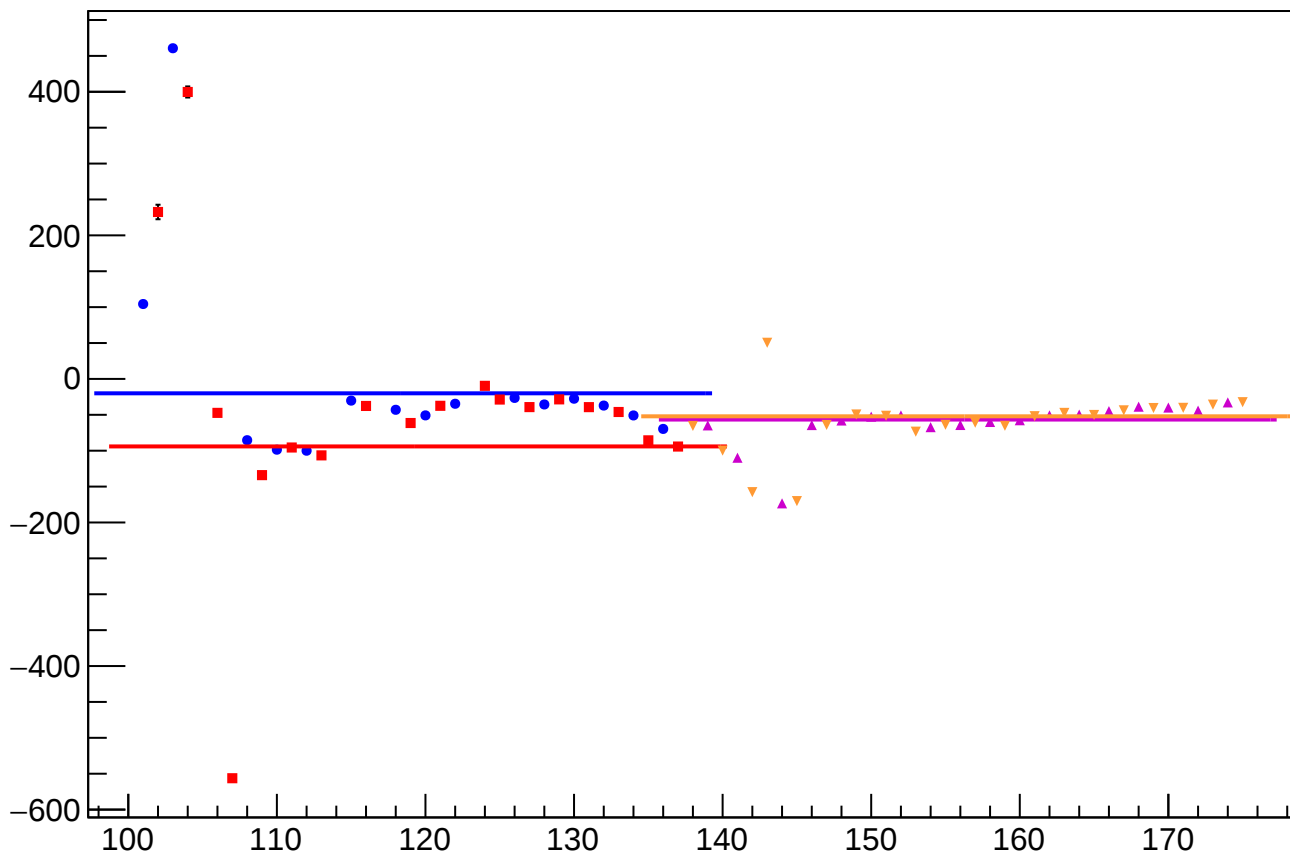
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

In: 12.040 $\pm$ 0.009 χ^2/NDF :114842.7/32

Out: 12.212 $\pm$ 0.008 χ^2/NDF :241563.8/37

All: 12.136 $\pm$ 0.006 χ^2/NDF : 356630.7/70

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -52.101 ± 0.095 $\chi^2/\text{NDF}: 55525.4/19$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -56.619 ± 0.110 $\chi^2/\text{NDF}: 54564.7/17$

Left: -54.041 ± 0.072 $\chi^2/\text{NDF}: 111052.0/37$

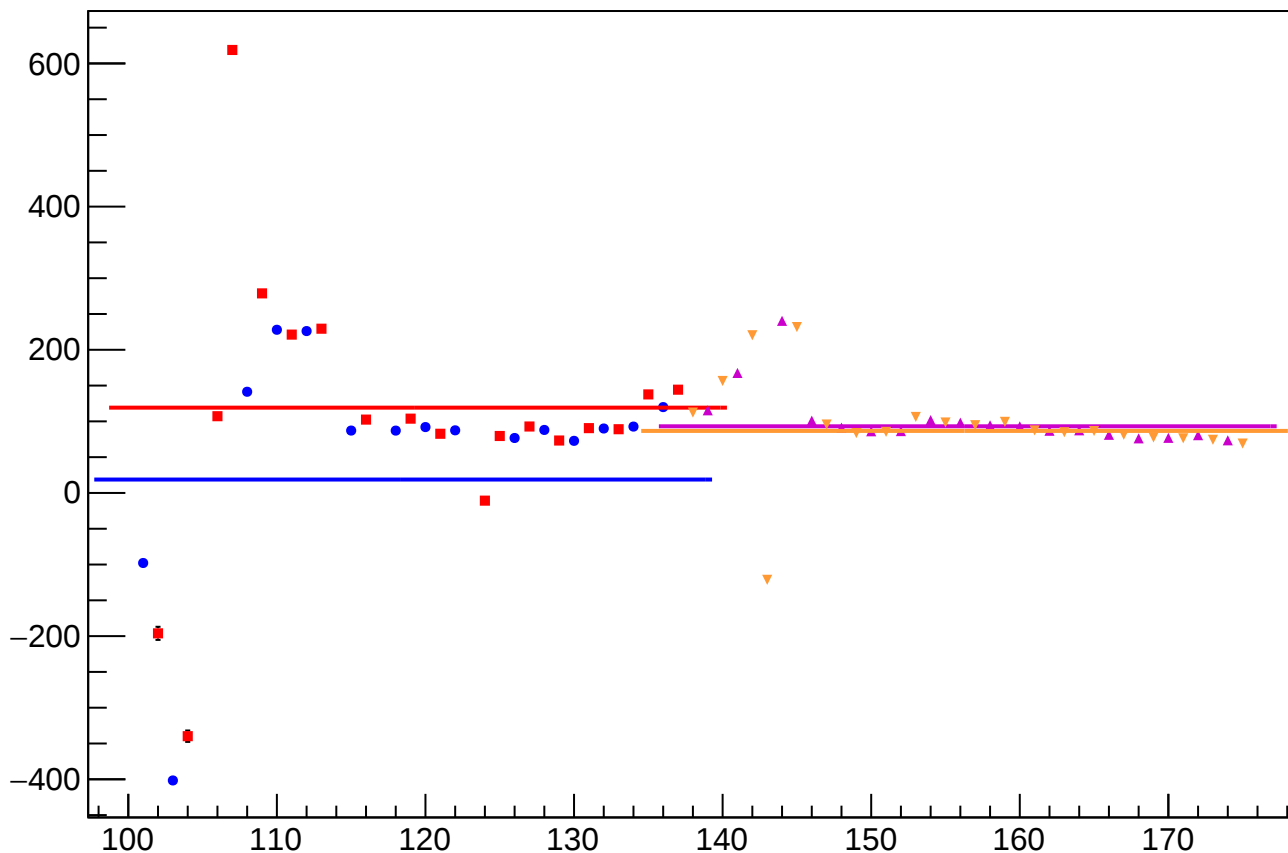
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -44.173 ± 0.089 $\chi^2/\text{NDF}: 533615.3/32$

Out: -93.350 ± 0.012 $\chi^2/\text{NDF}: 332881.8/37$

All: -92.432 ± 0.012 $\chi^2/\text{NDF}: 1163729.4/70$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 86.667+/-0.085 χ^2/NDF :173653.5/19

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 93.123+/-0.096 χ^2/NDF :75273.8/17

Left: 89.483+/-0.064 χ^2/NDF : 251464.7/37

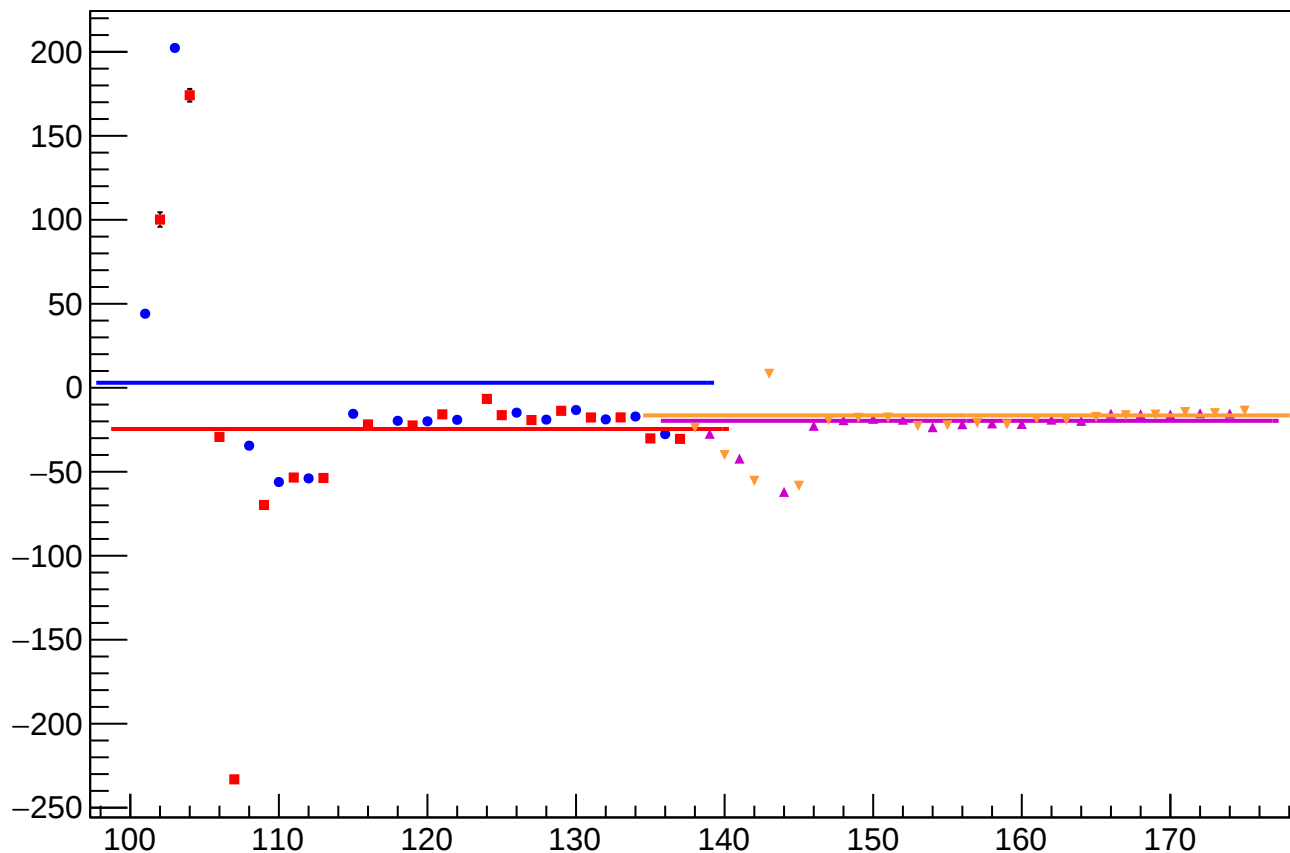
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 71.855+/-0.081 χ^2/NDF :1347955.2/32

Out: 91.635+/-0.078 χ^2/NDF :283641.4/37

All: 82.169+/-0.056 χ^2/NDF : 1662453.0/70

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.451 ± 0.012 $\chi^2/\text{NDF}: 574784.0/19$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -19.674 ± 0.014 $\chi^2/\text{NDF}: 163618.2/17$

Left: -17.874 ± 0.009 $\chi^2/\text{NDF}: 767815.5/37$

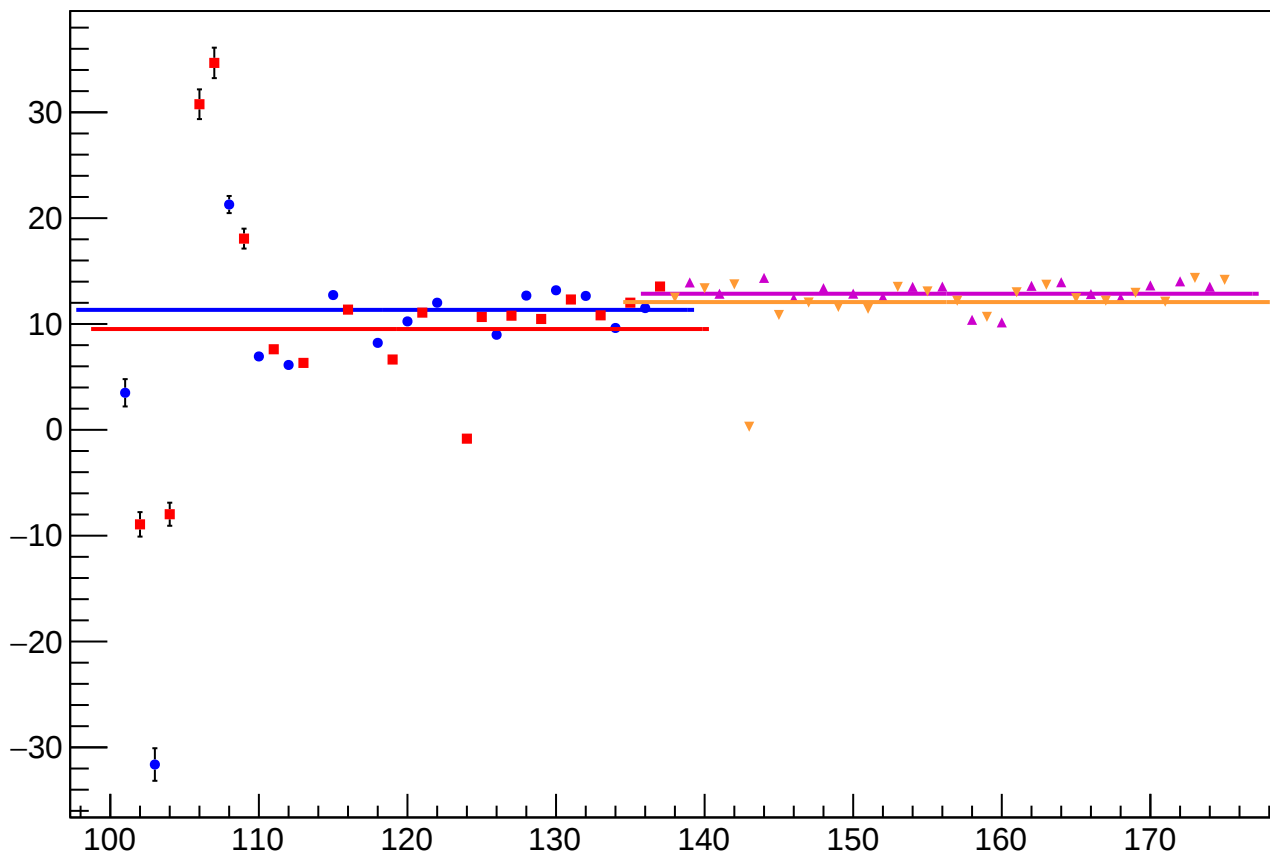
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.815 ± 0.012 $\chi^2/\text{NDF}: 4218662.4/32$

Out: -17.063 ± 0.012 $\chi^2/\text{NDF}: 782990.4/37$

All: -15.980 ± 0.009 $\chi^2/\text{NDF}: 5018555.1/70$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.071 $\pm$ 0.015 χ^2 /NDF:32625.7/19

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.858 $\pm$ 0.013 χ^2 /NDF:5753.7/17

Left: 12.512 $\pm$ 0.010 χ^2 /NDF: 39913.2/37

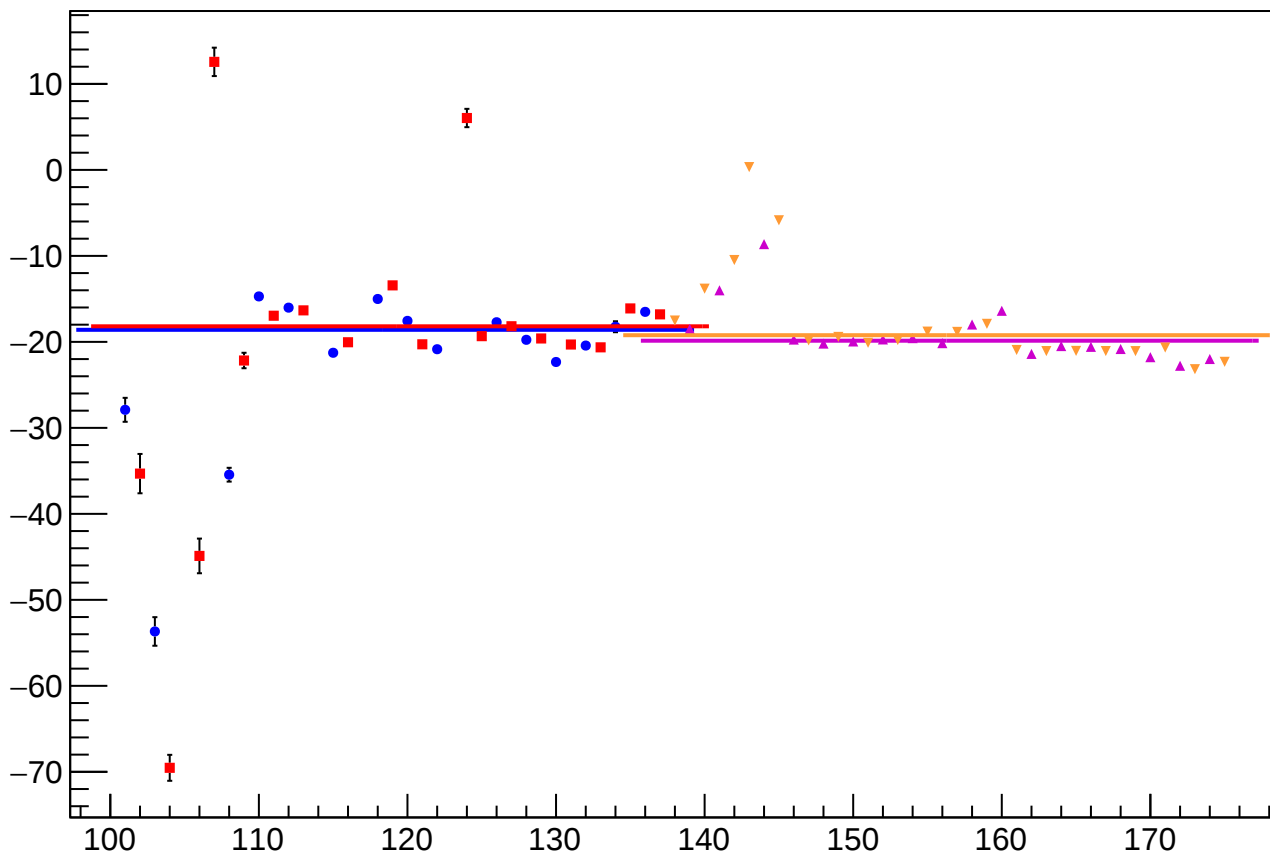
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.686 $\pm$ 0.013 χ^2 /NDF:9635.0/32

Out: 11.843 $\pm$ 0.014 χ^2 /NDF:39255.0/37

All: 12.320 $\pm$ 0.009 χ^2 /NDF: 50842.1/70

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -19.224 ± 0.017 χ^2/NDF : 60417.1/19

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.864 ± 0.017 χ^2/NDF : 13988.7/17

Left: -19.548 ± 0.012 χ^2/NDF : 75144.3/37

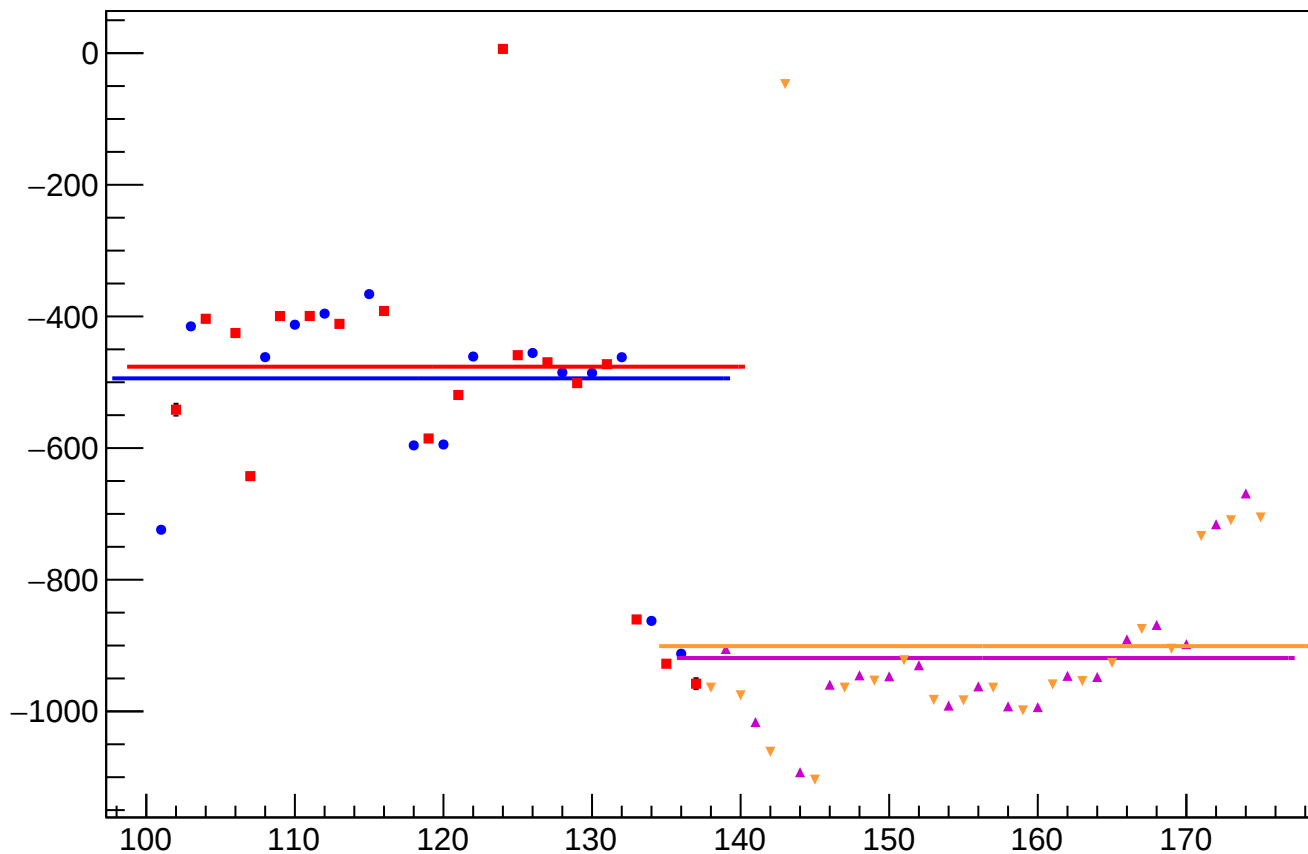
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.654 ± 0.015 χ^2/NDF : 21148.3/32

Out: -19.117 ± 0.016 χ^2/NDF : 65690.7/37

All: -19.399 ± 0.011 χ^2/NDF : 87438.5/70

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -900.883 ± 0.164 $\chi^2/\text{NDF}: 619053.3/19$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -918.974 ± 0.165 $\chi^2/\text{NDF}: 386961.4/17$

Left: -909.852 ± 0.116 $\chi^2/\text{NDF}: 1012081.7/37$

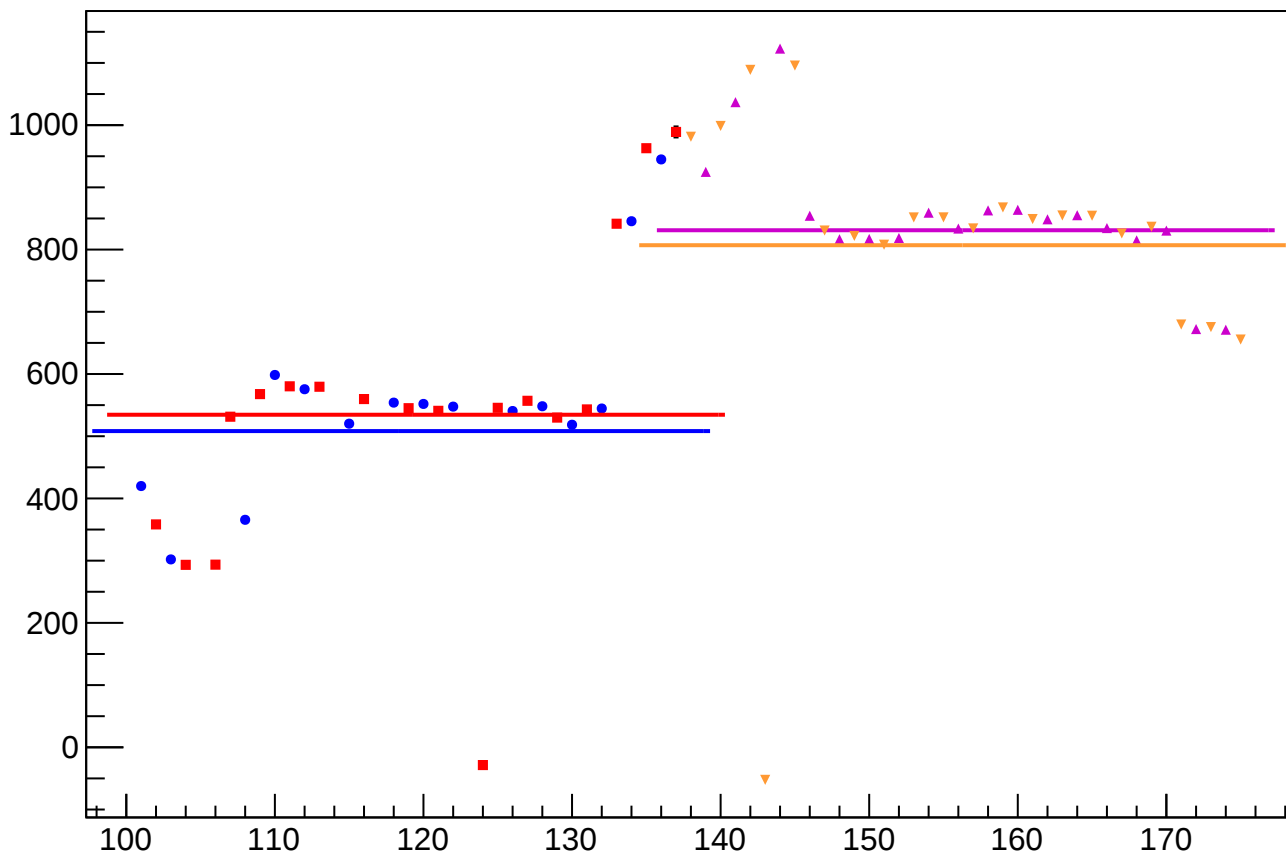
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -776.407 ± 0.134 $\chi^2/\text{NDF}: 2939787.7/32$

Out: -714.796 ± 0.123 $\chi^2/\text{NDF}: 4166840.6/37$

All: -742.760 ± 0.091 $\chi^2/\text{NDF}: 7221314.8/70$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Left: 818.631 +/- 0.095 χ^2/NDF : 956477.7/37

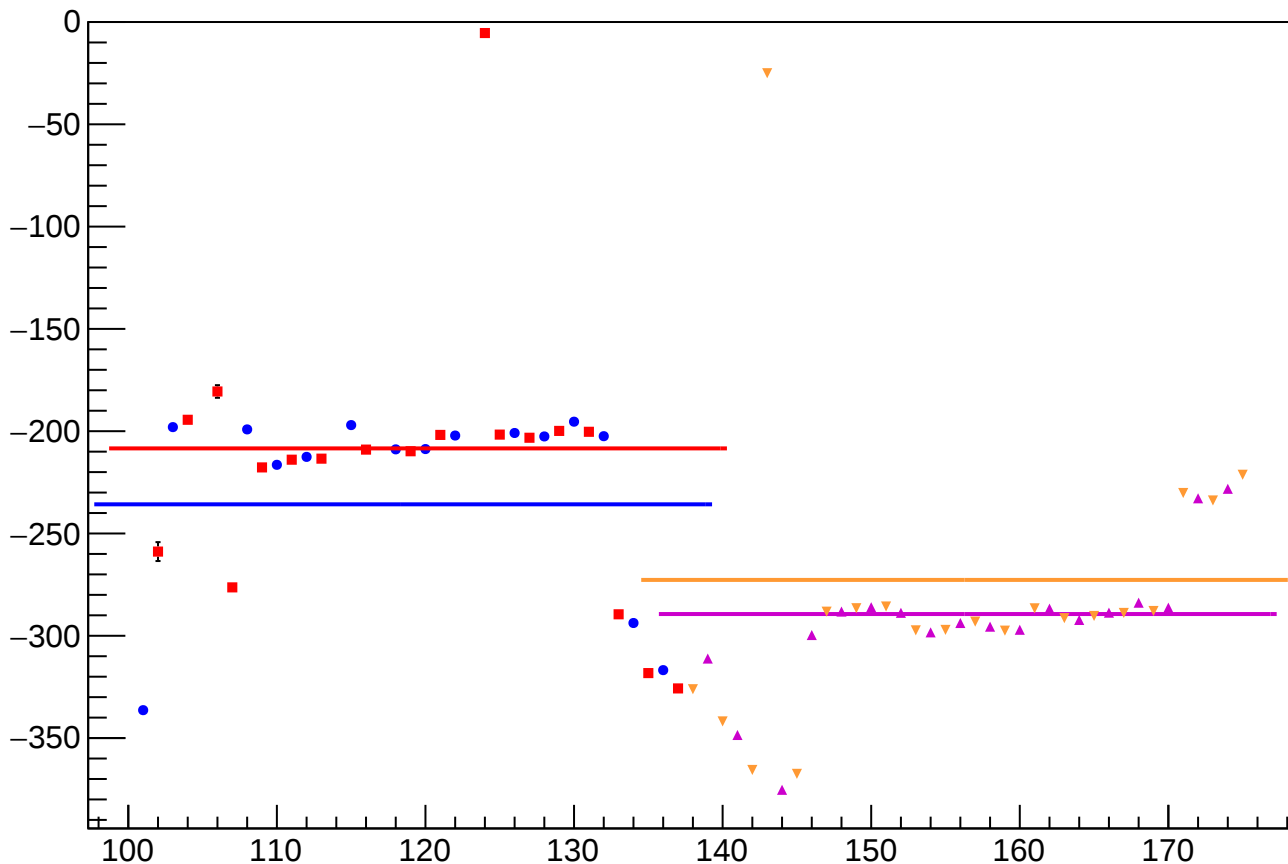
Right: 521.671 +/- 0.155 χ^2/NDF : 814918.8/32

In: 742.111 +/- 0.116 χ^2/NDF : 2257868.8/32

Out: 733.372 +/- 0.113 χ^2/NDF : 2175251.1/37

All: 737.609 +/- 0.081 χ^2/NDF : 4436025.0/70

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -272.696 ± 0.024 $\chi^2/\text{NDF}: 6708439.8/19$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -289.373 ± 0.024 $\chi^2/\text{NDF}: 827769.6/17$

Left: -280.870 ± 0.017 $\chi^2/\text{NDF}: 7776847.4/37$

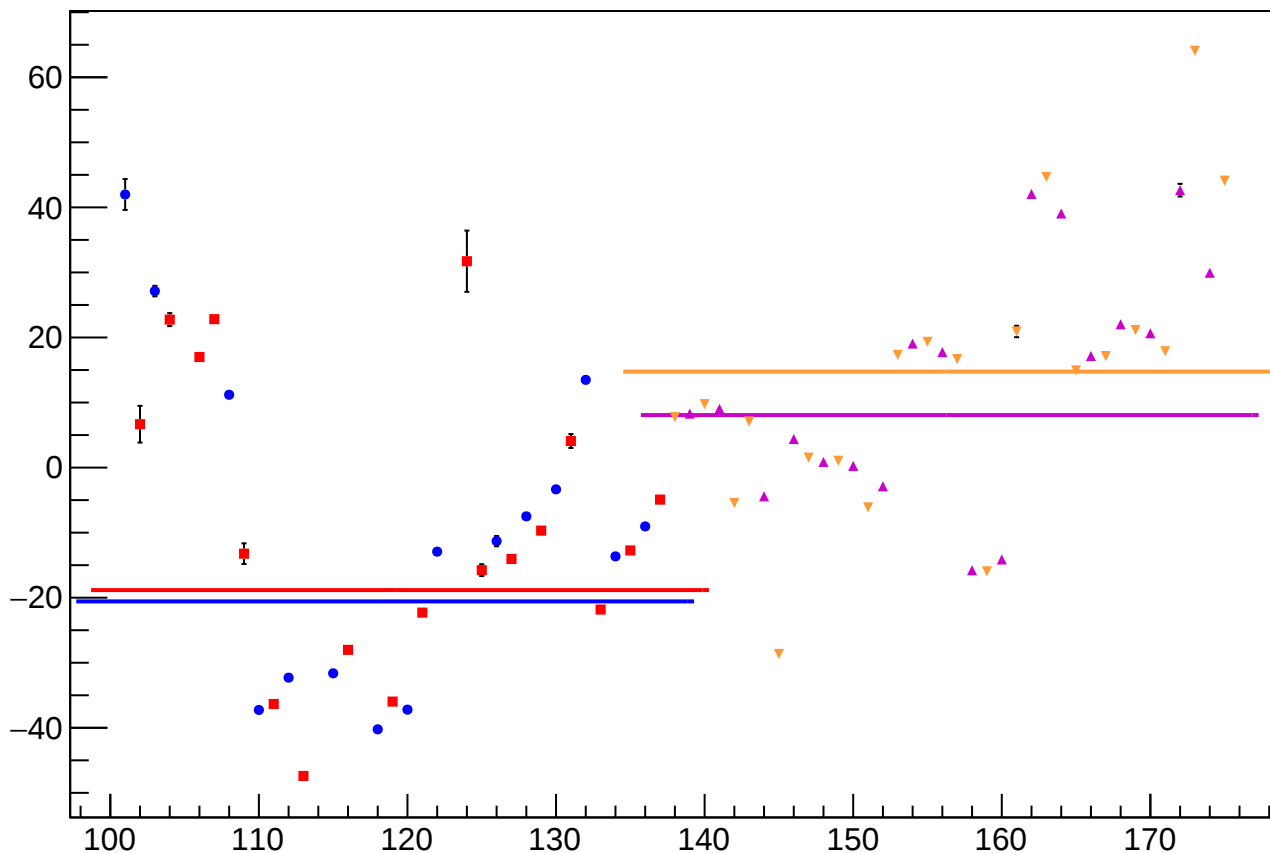
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -280.690 ± 0.022 $\chi^2/\text{NDF}: 2494230.3/32$

Out: -259.462 ± 0.021 $\chi^2/\text{NDF}: 8585276.4/37$

All: -269.581 ± 0.015 $\chi^2/\text{NDF}: 11557014.9/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 14.758 ± 0.023 χ^2/NDF : 491348.4/19

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 8.075 ± 0.019 χ^2/NDF : 972449.4/17

Left: 10.801 ± 0.015 χ^2/NDF : 1513388.9/37

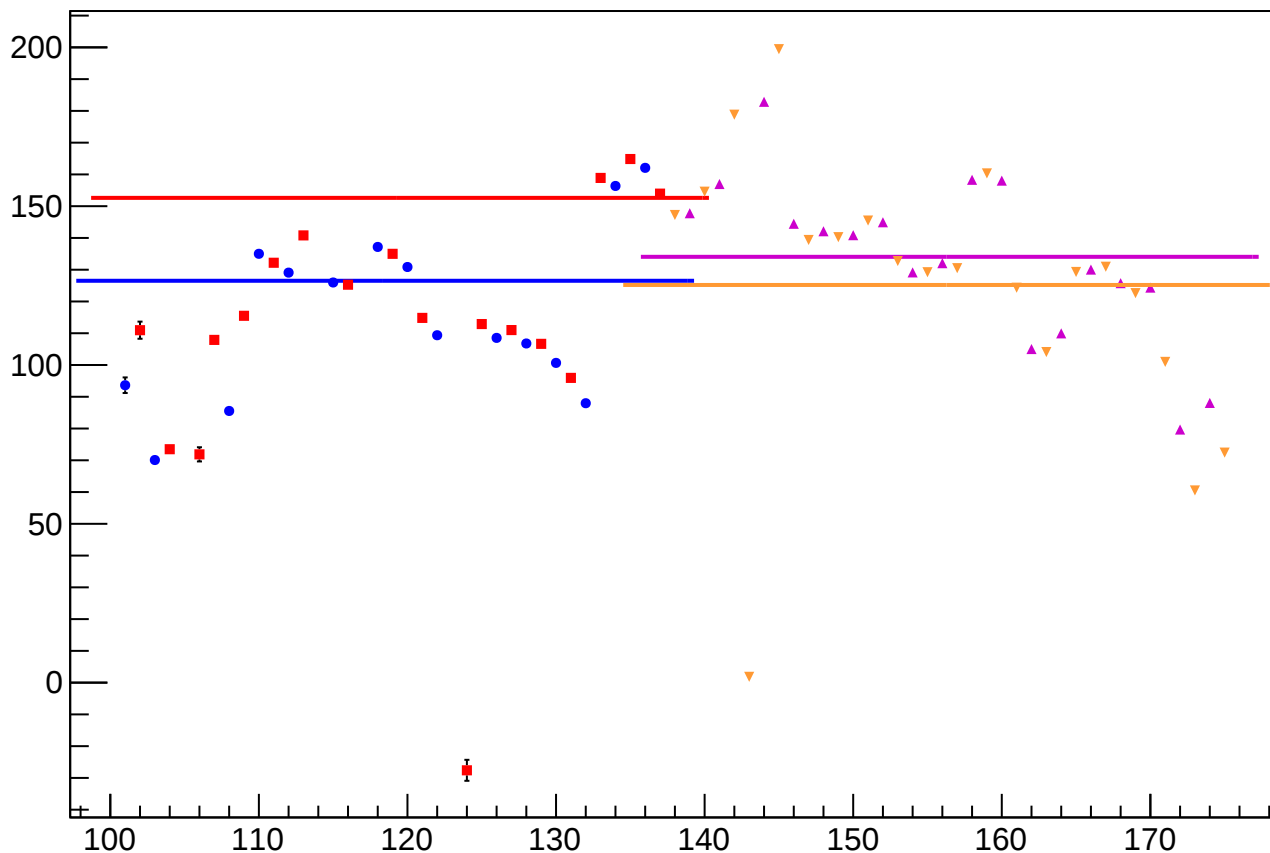
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 6.147 ± 0.019 χ^2/NDF : 1186223.7/32

Out: 13.290 ± 0.023 χ^2/NDF : 604688.6/37

All: 9.017 ± 0.014 χ^2/NDF : 1850759.8/70

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 125.197 $\pm$ 0.029 χ^2 /NDF: 731999.8/19

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 134.061 $\pm$ 0.027 χ^2 /NDF: 496443.0/17

Left: 129.962 $\pm$ 0.020 χ^2 /NDF: 1277057.9/37

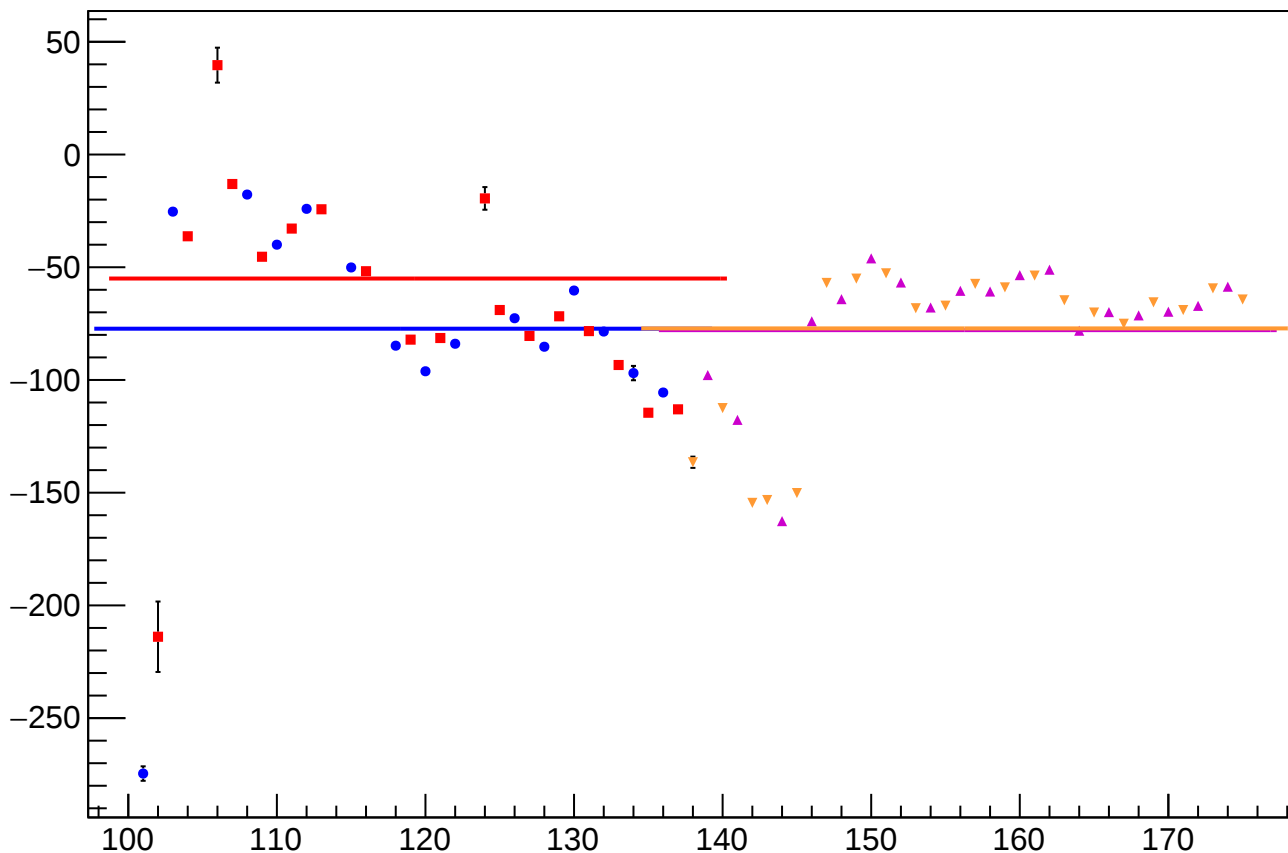
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 133.339 $\pm$ 0.026 χ^2 /NDF: 618703.3/32

Out: 138.508 $\pm$ 0.021 χ^2 /NDF: 1226120.4/37

All: 136.449 $\pm$ 0.016 χ^2 /NDF: 1868620.8/70

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -77.128 ± 0.125 $\chi^2/\text{NDF}: 60348.1/19$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -77.896 ± 0.124 $\chi^2/\text{NDF}: 62347.8/17$

Left: -77.515 ± 0.088 $\chi^2/\text{NDF}: 122715.0/37$

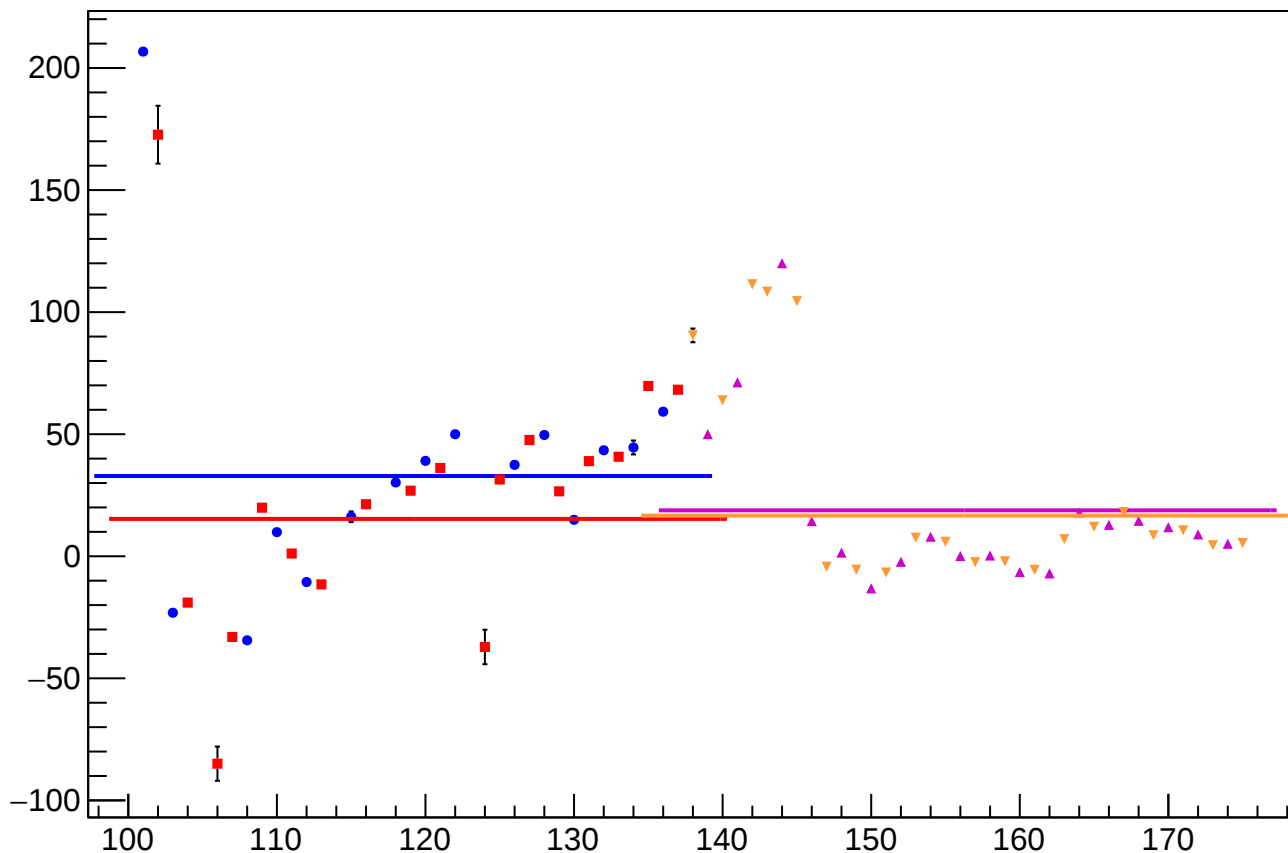
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -77.631 ± 0.095 $\chi^2/\text{NDF}: 92714.8/32$

Out: -70.478 ± 0.104 $\chi^2/\text{NDF}: 93433.0/37$

All: -74.405 ± 0.070 $\chi^2/\text{NDF}: 188729.1/70$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 16.646 $\pm$ 0.109 χ^2 /NDF: 91187.4/19

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 18.808 $\pm$ 0.109 χ^2 /NDF: 89805.2/17

Left: 17.722 $\pm$ 0.077 χ^2 /NDF: 181188.9/37

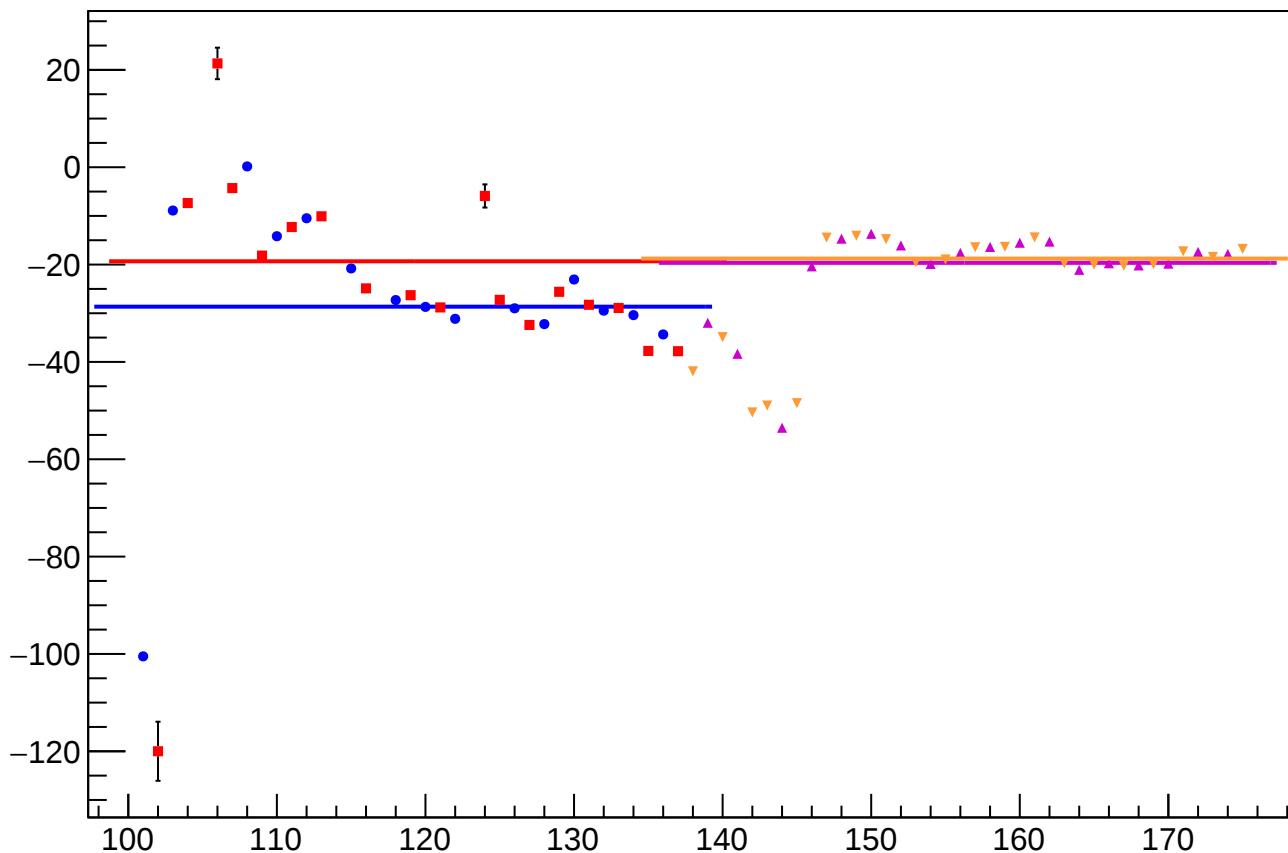
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 23.864 $\pm$ 0.088 χ^2 /NDF: 127137.1/32

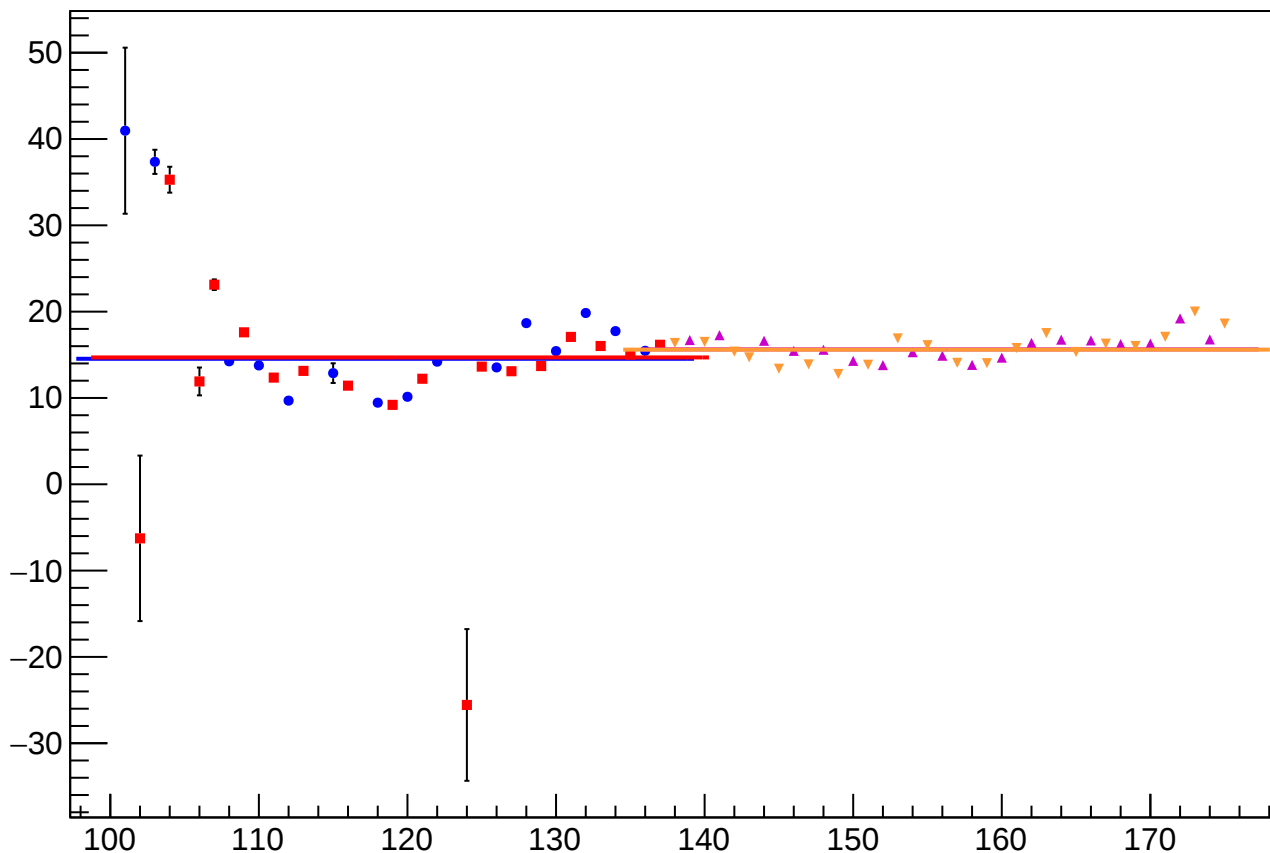
Out: 16.362 $\pm$ 0.097 χ^2 /NDF: 107965.4/37

All: 20.483 $\pm$ 0.065 χ^2 /NDF: 238411.7/70

dit_atr1_11X12X_slope vs Slug, Sign Corrected



dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.598 $\pm$ 0.015 χ^2 /NDF:9884.3/19

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.627 $\pm$ 0.015 χ^2 /NDF:6991.6/17

Left: 15.613 $\pm$ 0.010 χ^2 /NDF: 16877.9/37

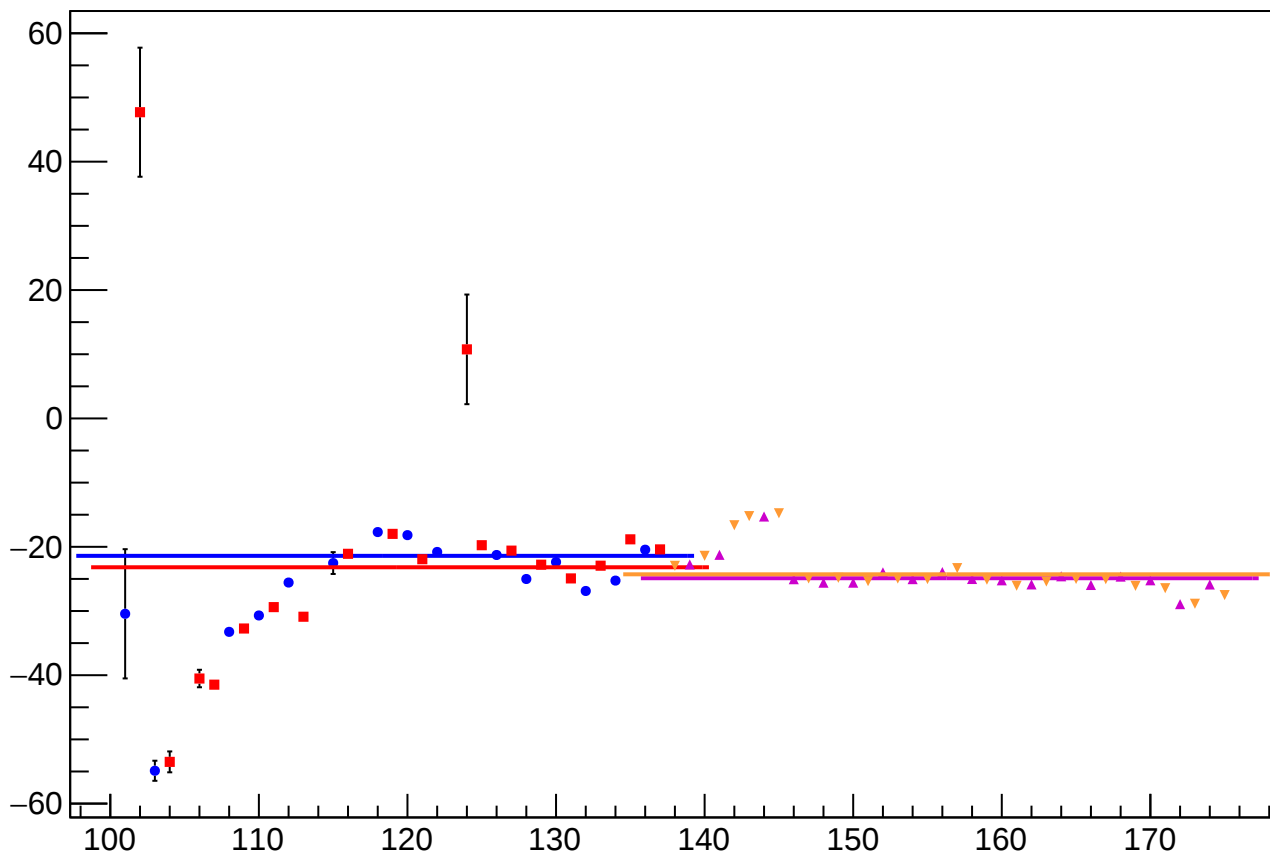
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.416 $\pm$ 0.013 χ^2 /NDF:20137.8/32

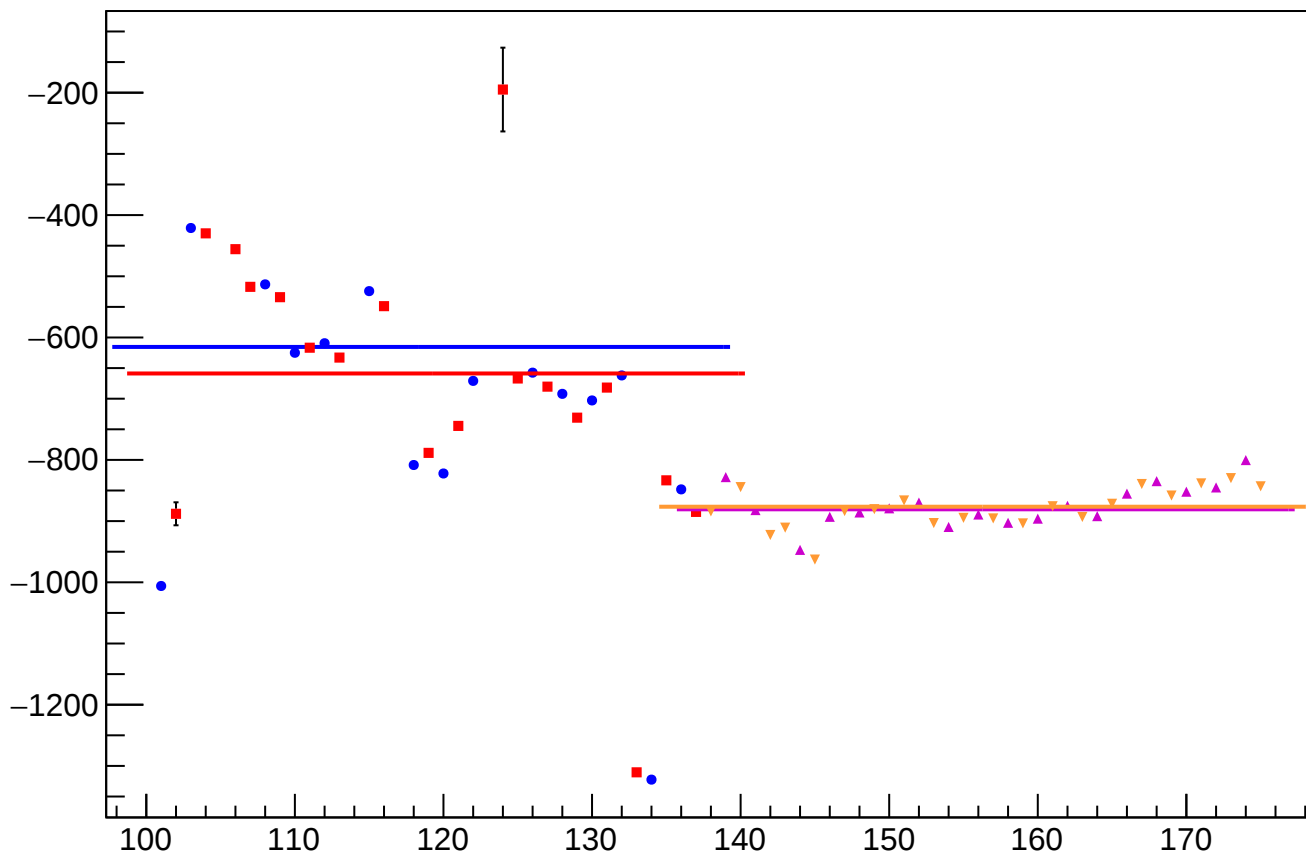
Out: 15.504 $\pm$ 0.014 χ^2 /NDF:11903.4/37

All: 15.457 $\pm$ 0.010 χ^2 /NDF: 32062.1/70

dit_atr1_4eY_slope vs Slug, Sign Corrected



dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -876.496 ± 0.140 $\chi^2/\text{NDF}: 39901.9/19$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -880.730 ± 0.137 $\chi^2/\text{NDF}: 42737.2/17$

Left: -878.655 ± 0.098 $\chi^2/\text{NDF}: 83105.7/37$

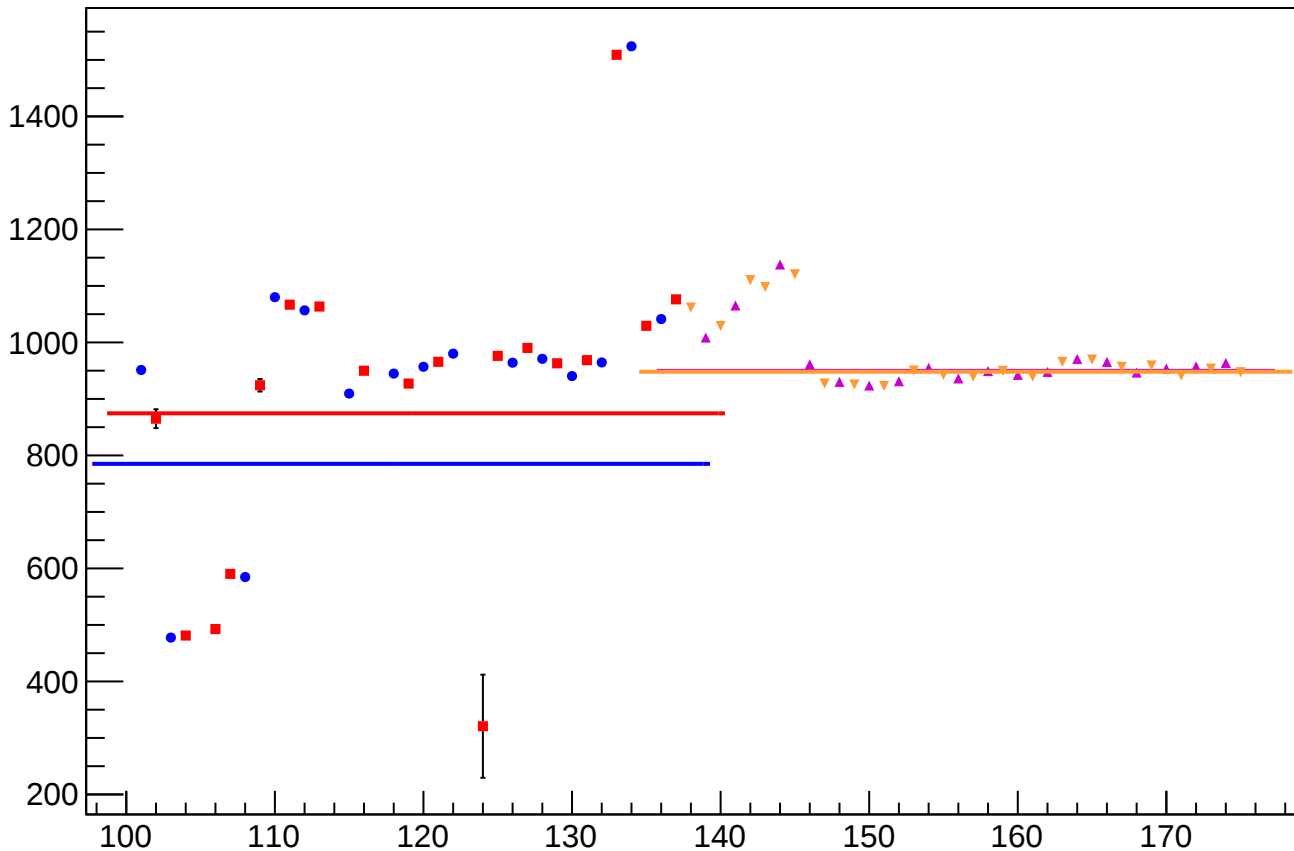
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -814.352 ± 0.119 $\chi^2/\text{NDF}: 1360447.6/32$

Out: -826.485 ± 0.123 $\chi^2/\text{NDF}: 980965.2/37$

All: -820.218 ± 0.085 $\chi^2/\text{NDF}: 2346452.1/70$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 948.137 $\pm$ 0.109 χ^2/NDF :71853.0/19

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 949.654 $\pm$ 0.113 χ^2/NDF :76130.6/17

Left: 948.867 $\pm$ 0.078 χ^2/NDF : 148077.1/37

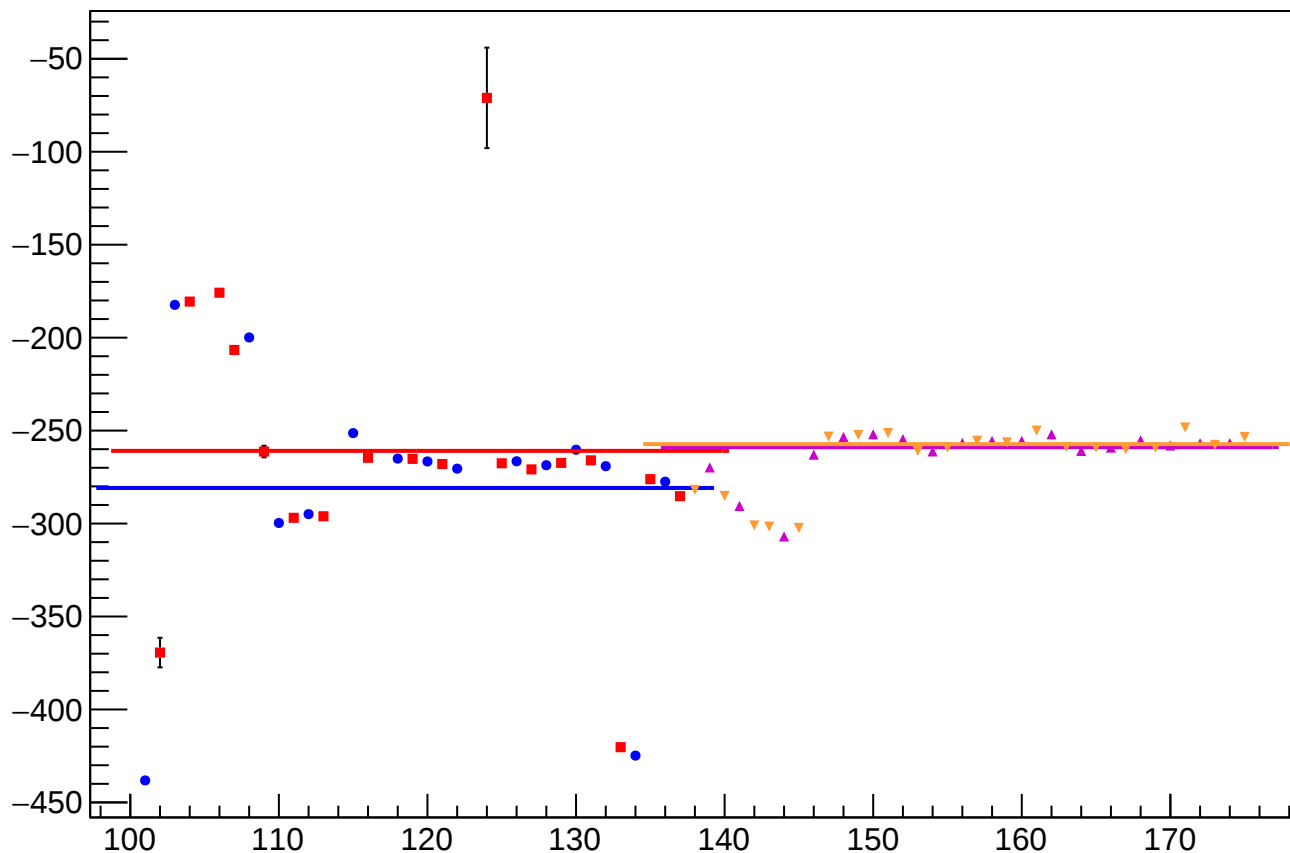
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 917.213 $\pm$ 0.101 χ^2/NDF :1380363.9/32

Out: 937.242 $\pm$ 0.101 χ^2/NDF :982074.4/37

All: 927.302 $\pm$ 0.071 χ^2/NDF : 2382150.3/70

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.269 ± 0.020 $\chi^2/\text{NDF}: 175831.9/19$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -258.919 ± 0.020 $\chi^2/\text{NDF}: 189125.3/17$

Left: -258.105 ± 0.014 $\chi^2/\text{NDF}: 368257.3/37$

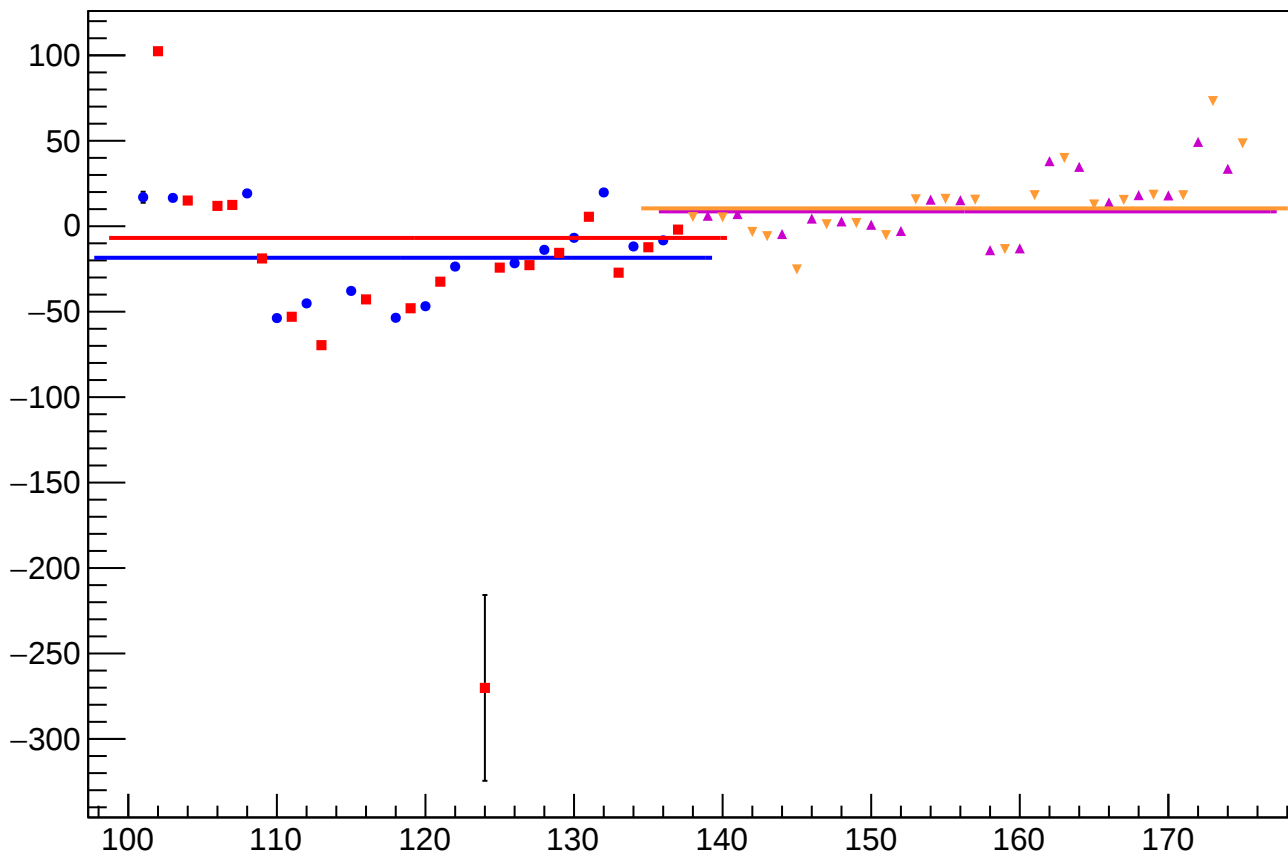
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.248 ± 0.019 $\chi^2/\text{NDF}: 1188290.4/32$

Out: -257.573 ± 0.020 $\chi^2/\text{NDF}: 526191.3/37$

All: -259.457 ± 0.014 $\chi^2/\text{NDF}: 1732567.6/70$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 10.447 ± 0.021 $\chi^2/\text{NDF}: 438342.2/19$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 8.696 ± 0.020 $\chi^2/\text{NDF}: 558874.5/17$

Left: 9.531 ± 0.014 $\chi^2/\text{NDF}: 1000889.4/37$

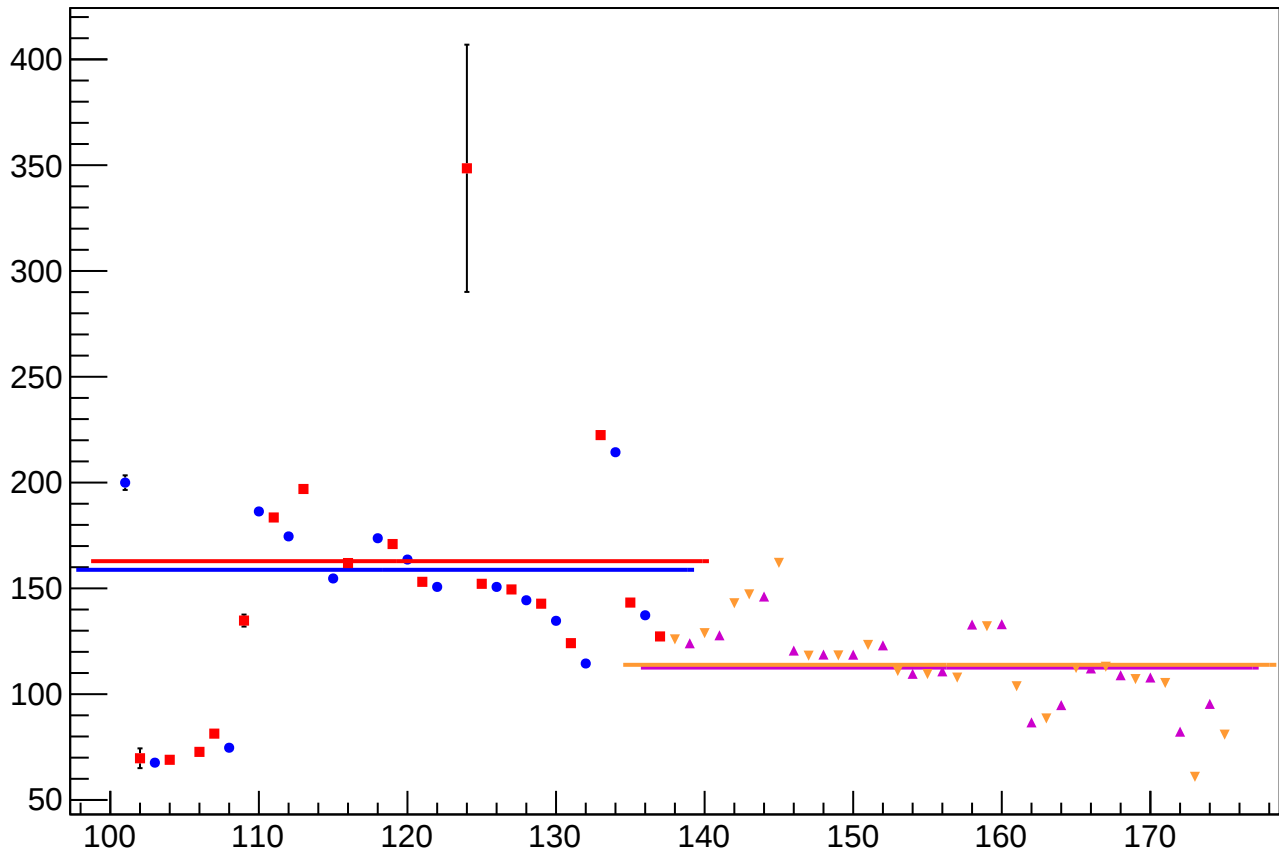
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 7.459 ± 0.019 $\chi^2/\text{NDF}: 689890.1/32$

Out: 8.807 ± 0.020 $\chi^2/\text{NDF}: 553262.4/37$

All: 8.119 ± 0.014 $\chi^2/\text{NDF}: 1245498.0/70$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 113.873 ± 0.025 χ^2/NDF : 252679.6/19

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 112.558 ± 0.021 χ^2/NDF : 385775.7/17

Left: 113.115 ± 0.016 χ^2/NDF : 640043.4/37

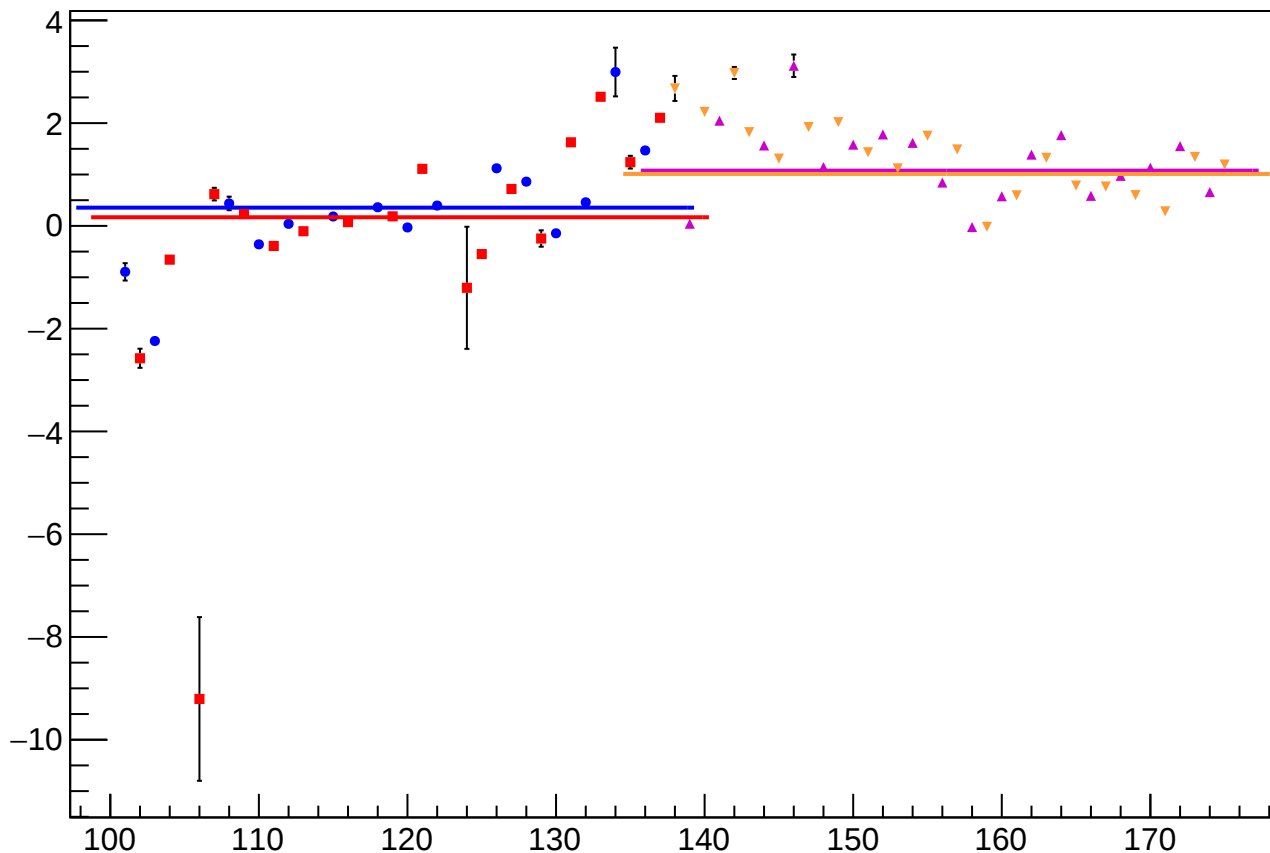
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 115.137 ± 0.021 χ^2/NDF : 803376.5/32

Out: 117.172 ± 0.024 χ^2/NDF : 666107.5/37

All: 116.004 ± 0.016 χ^2/NDF : 1473540.8/70

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.011 ± 0.008 $\chi^2/\text{NDF}: 5903.3/19$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.076 ± 0.007 $\chi^2/\text{NDF}: 6951.6/17$

Left: 1.047 ± 0.005 $\chi^2/\text{NDF}: 12891.6/37$

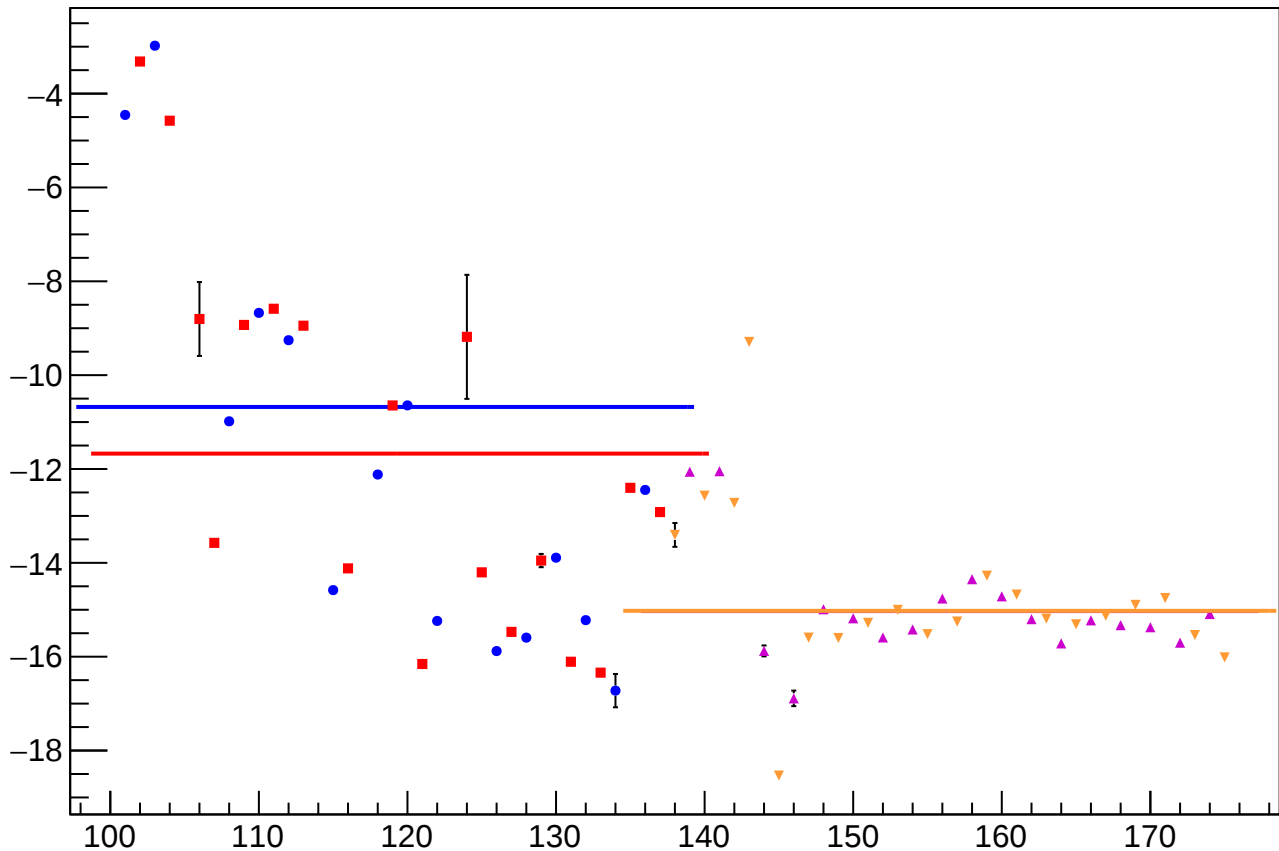
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.881 ± 0.006 $\chi^2/\text{NDF}: 13705.6/32$

Out: 0.574 ± 0.006 $\chi^2/\text{NDF}: 16348.7/37$

All: 0.711 ± 0.004 $\chi^2/\text{NDF}: 31452.8/70$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.023 ± 0.006 $\chi^2/\text{NDF}: 34934.7/19$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.028 ± 0.006 $\chi^2/\text{NDF}: 12906.7/17$

Left: -15.025 ± 0.004 $\chi^2/\text{NDF}: 47841.8/37$

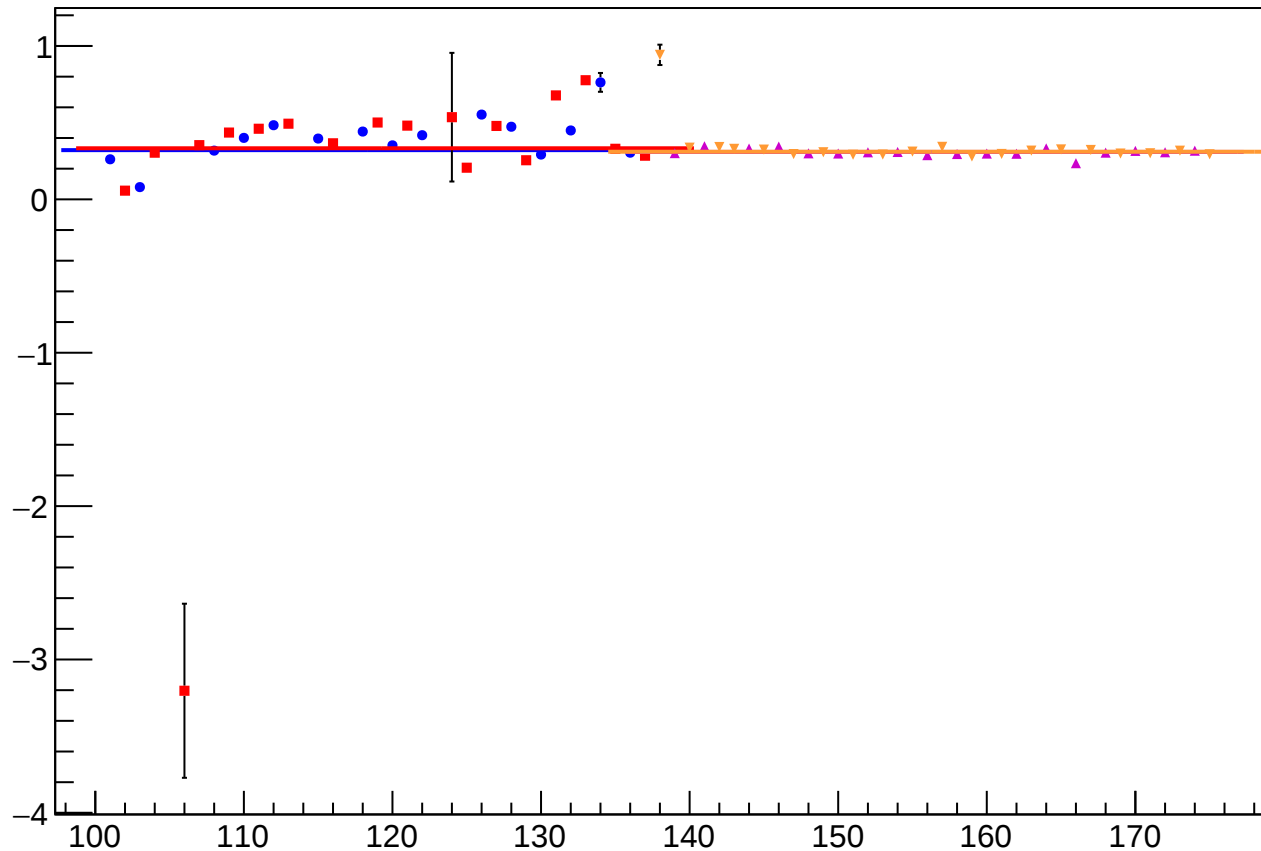
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.840 ± 0.005 $\chi^2/\text{NDF}: 369920.3/32$

Out: -14.241 ± 0.006 $\chi^2/\text{NDF}: 206293.6/37$

All: -14.031 ± 0.004 $\chi^2/\text{NDF}: 578866.7/70$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.310 ± 0.000 $\chi^2/\text{NDF}: 4947.4/19$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.309 ± 0.000 $\chi^2/\text{NDF}: 2728.8/17$

Left: 0.310 ± 0.000 $\chi^2/\text{NDF}: 7690.9/37$

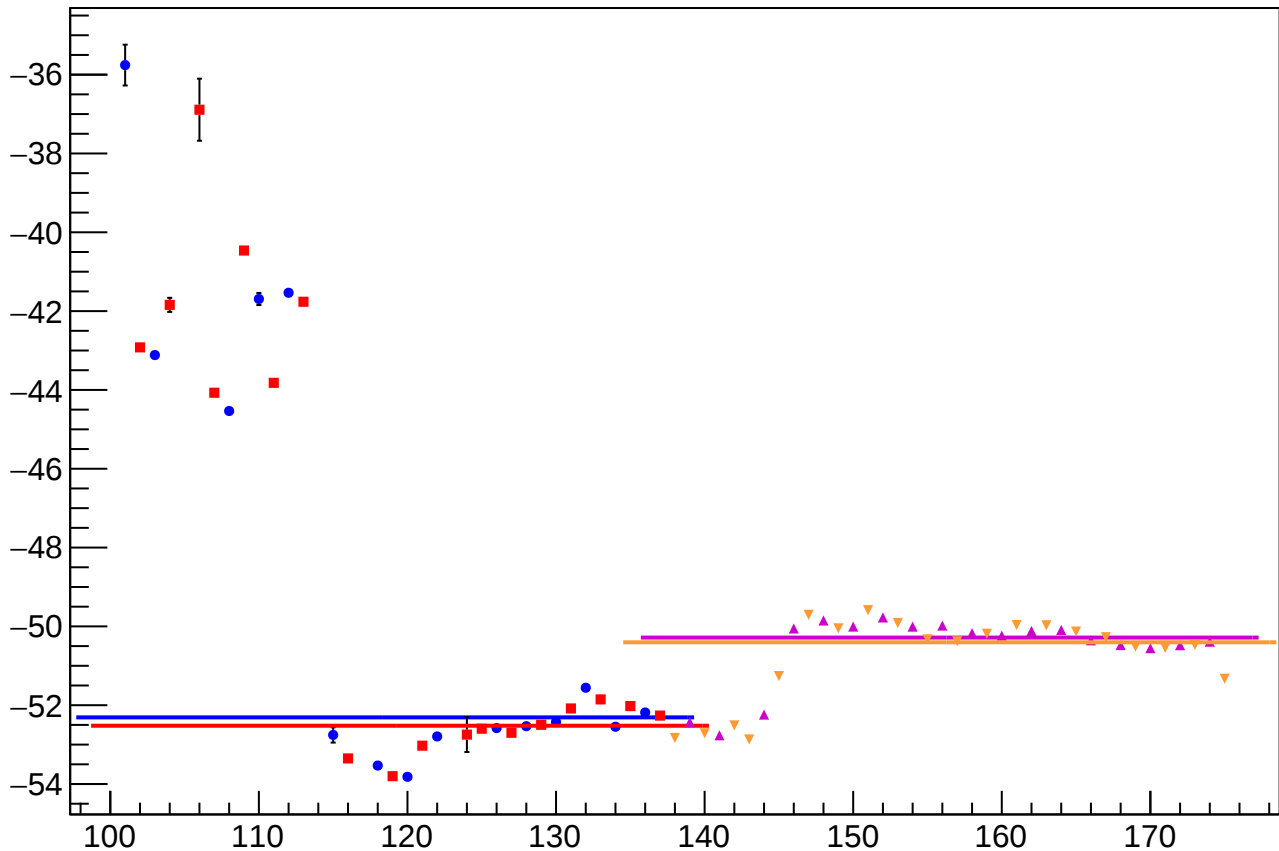
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.310 ± 0.000 $\chi^2/\text{NDF}: 6893.7/32$

Out: 0.311 ± 0.000 $\chi^2/\text{NDF}: 9430.7/37$

All: 0.311 ± 0.000 $\chi^2/\text{NDF}: 16340.5/70$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.404 ± 0.002 $\chi^2/\text{NDF}: 231114.4/19$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.284 ± 0.001 $\chi^2/\text{NDF}: 165455.0/17$

Left: -50.334 ± 0.001 $\chi^2/\text{NDF}: 400085.6/37$

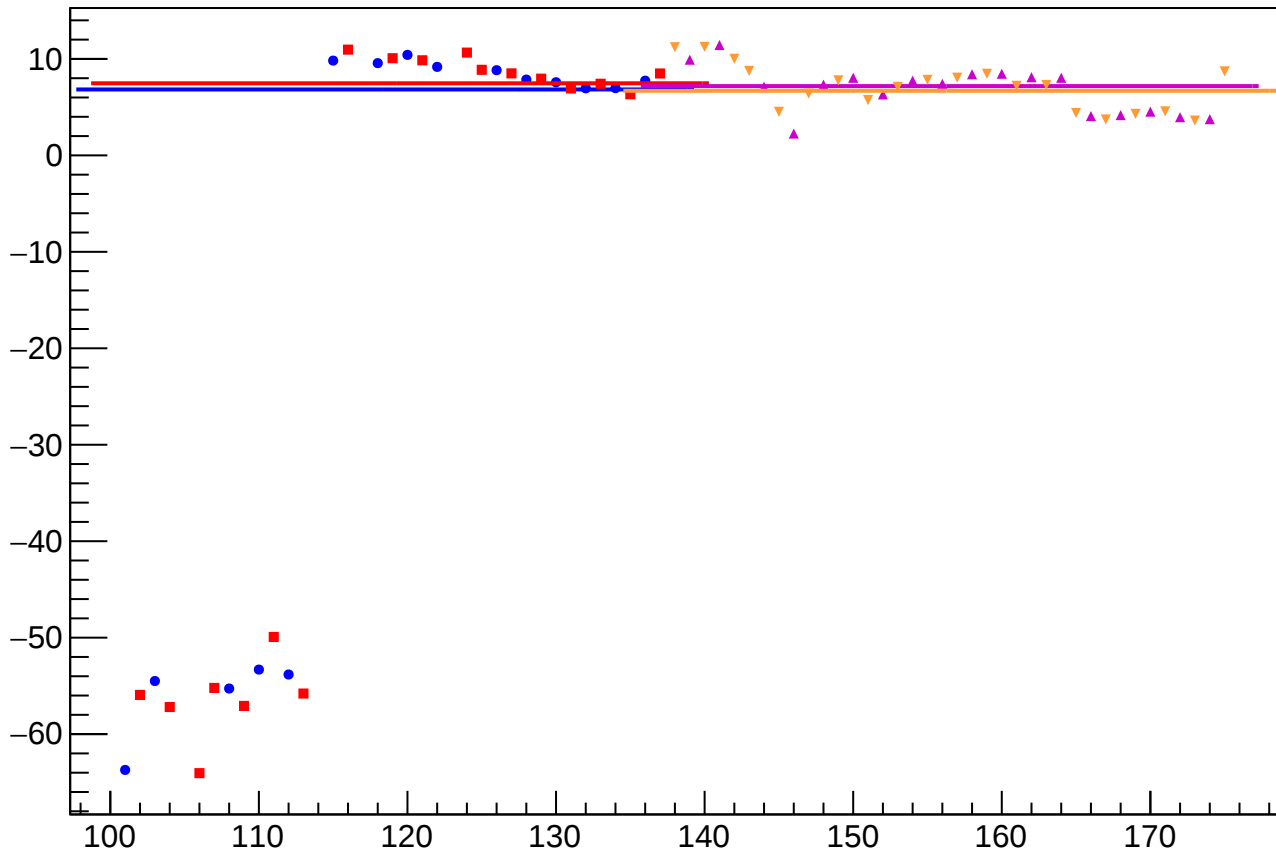
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.448 ± 0.001 $\chi^2/\text{NDF}: 412404.6/32$

Out: -50.616 ± 0.001 $\chi^2/\text{NDF}: 497860.5/37$

All: -50.519 ± 0.001 $\chi^2/\text{NDF}: 917952.0/70$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.698 ± 0.004 $\chi^2/\text{NDF}: 317400.6/19$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.182 ± 0.003 $\chi^2/\text{NDF}: 197186.4/17$

Left: 6.958 ± 0.003 $\chi^2/\text{NDF}: 523511.8/37$

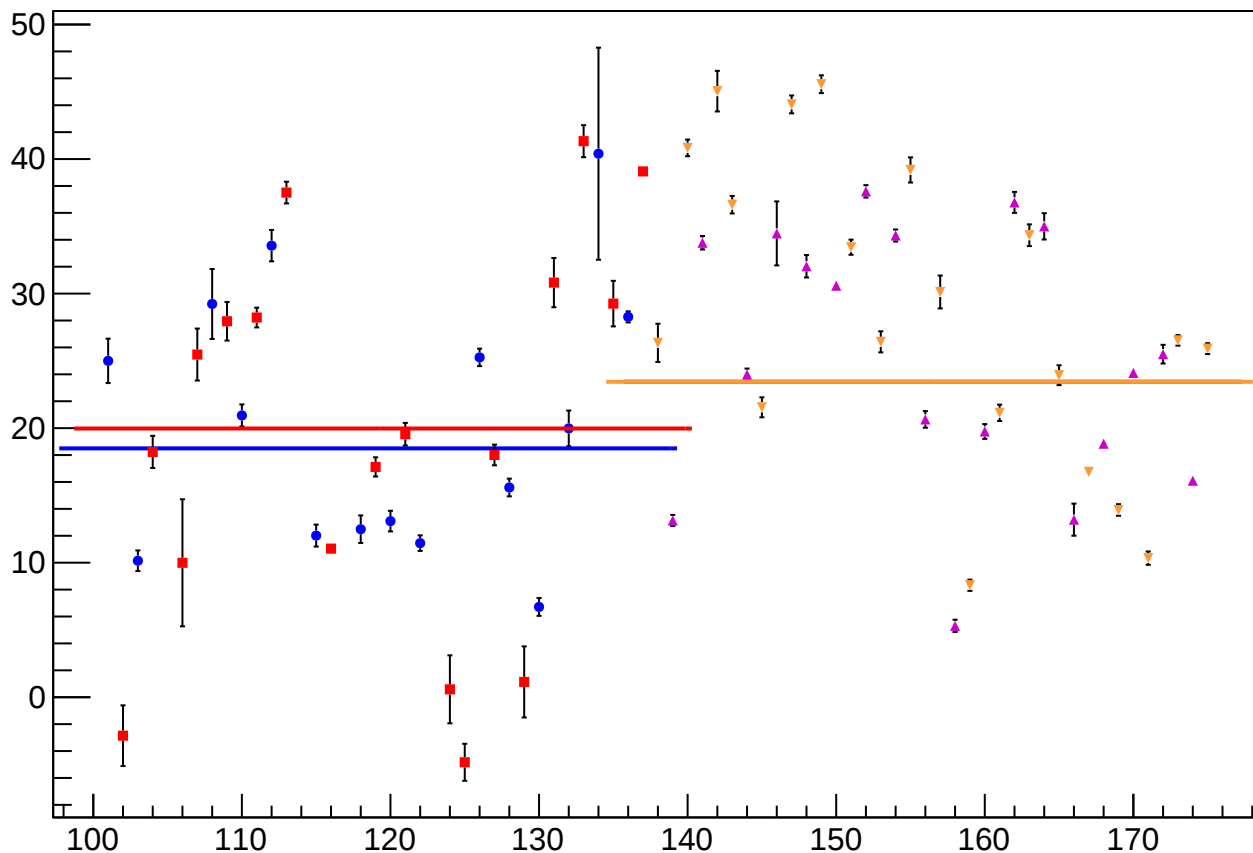
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.070 ± 0.003 $\chi^2/\text{NDF}: 1190972.6/32$

Out: 6.807 ± 0.003 $\chi^2/\text{NDF}: 1518892.5/37$

All: 6.964 ± 0.002 $\chi^2/\text{NDF}: 2713264.4/70$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 23.446 $\pm$ 0.122 χ^2 /NDF: 7573.1/19

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.452 $\pm$ 0.109 χ^2 /NDF: 6112.5/17

Left: 23.449 $\pm$ 0.081 χ^2 /NDF: 13685.6/37

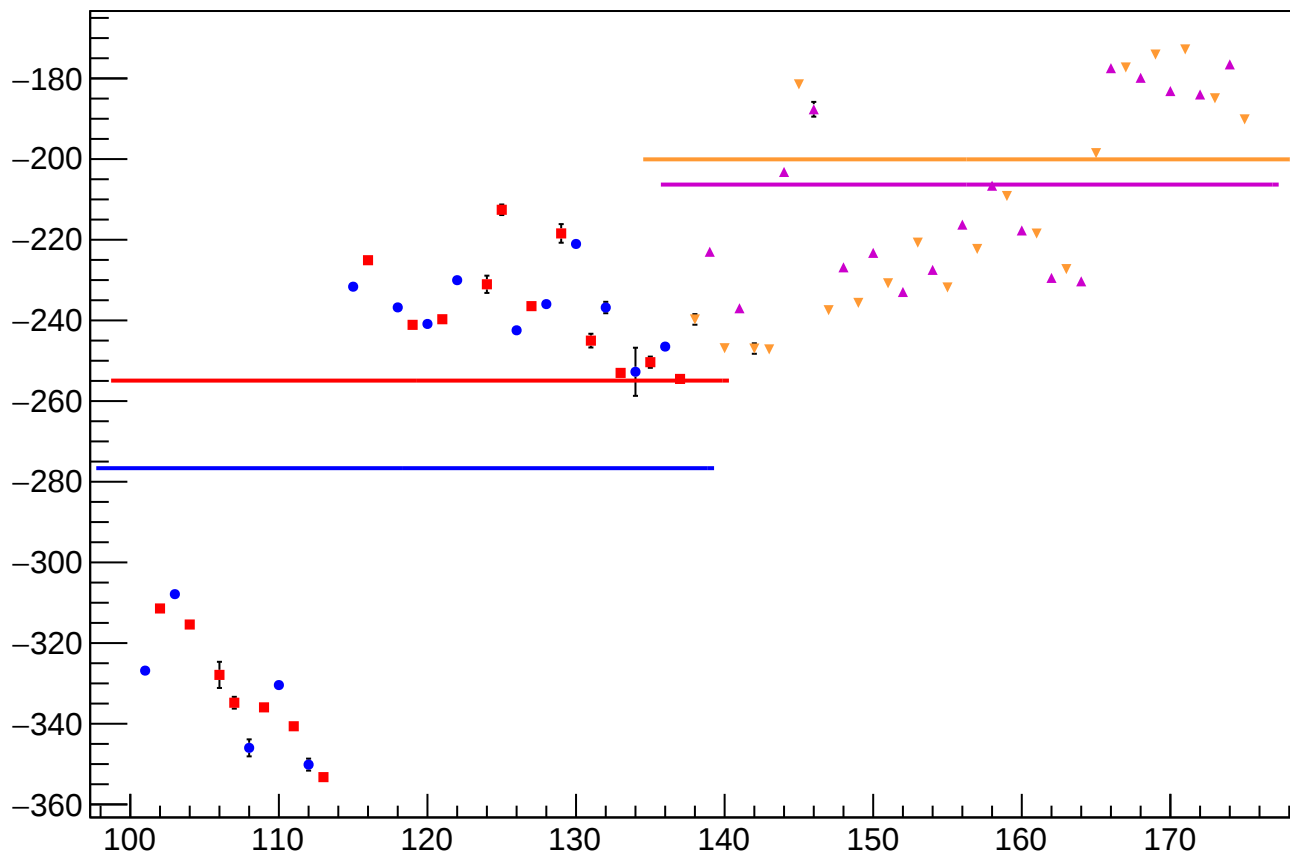
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.318 $\pm$ 0.096 χ^2 /NDF: 8222.5/32

Out: 21.819 $\pm$ 0.089 χ^2 /NDF: 17152.5/37

All: 22.051 $\pm$ 0.065 χ^2 /NDF: 25389.6/70

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -200.066 ± 0.101 $\chi^2/\text{NDF}: 62898.0/19$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -206.320 ± 0.095 $\chi^2/\text{NDF}: 53851.3/17$

Left: -203.383 ± 0.069 $\chi^2/\text{NDF}: 118777.0/37$

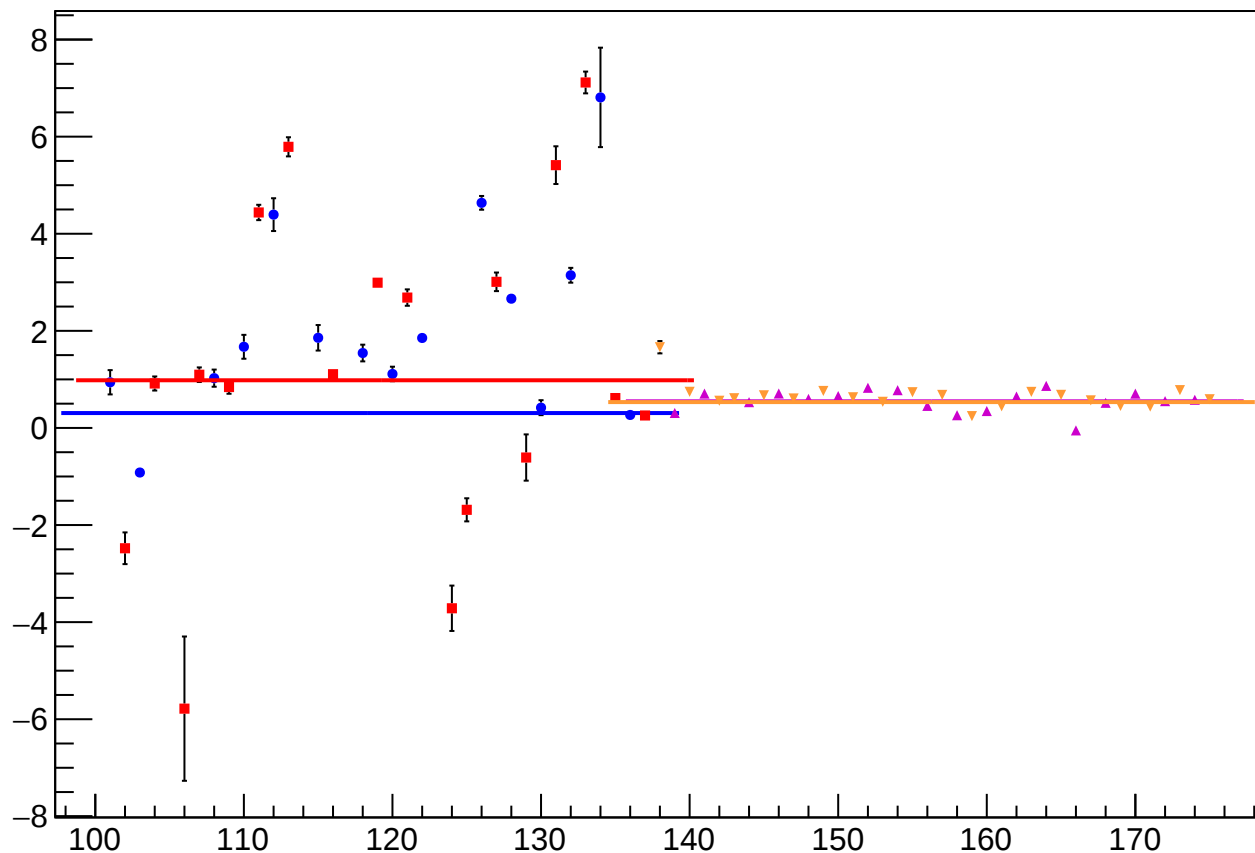
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -226.982 ± 0.080 $\chi^2/\text{NDF}: 291355.3/32$

Out: -236.739 ± 0.058 $\chi^2/\text{NDF}: 331437.0/37$

All: -233.358 ± 0.047 $\chi^2/\text{NDF}: 632516.4/70$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.533 $\pm$ 0.002 χ^2/NDF :9629.2/19

Right Out: 0.982 $\pm$ 0.015 χ^2/NDF : 3374.7/17

Left In: 0.549 $\pm$ 0.002 χ^2/NDF :14153.4/17

Left: 0.542 $\pm$ 0.001 χ^2/NDF : 23822.3/37

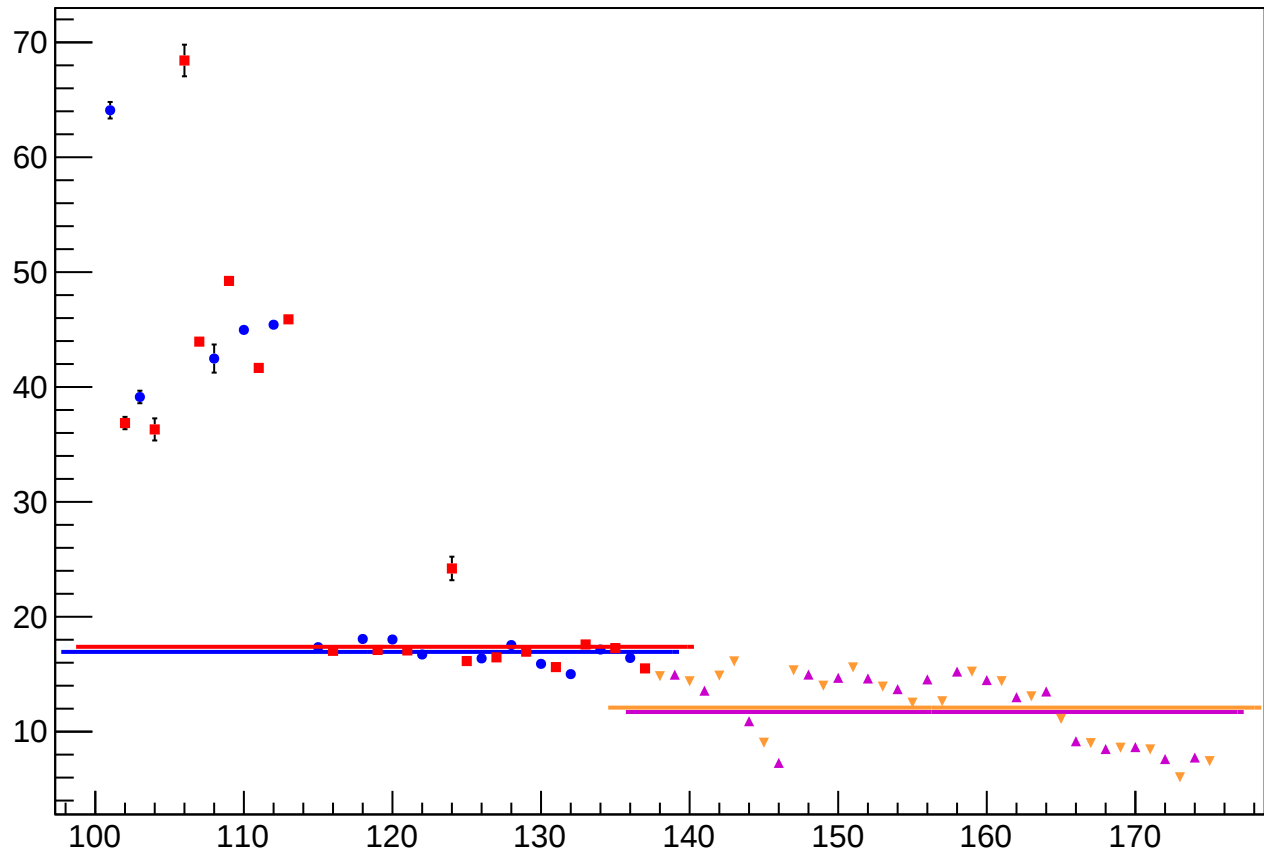
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.534 $\pm$ 0.002 χ^2/NDF :18189.8/32

Out: 0.540 $\pm$ 0.002 χ^2/NDF :13925.2/37

All: 0.537 $\pm$ 0.001 χ^2/NDF : 32121.1/70

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 12.092 ± 0.008 χ^2/NDF : 187860.3/19

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 11.709 ± 0.007 χ^2/NDF : 183388.2/17

Left: 11.889 ± 0.005 χ^2/NDF : 372568.5/37

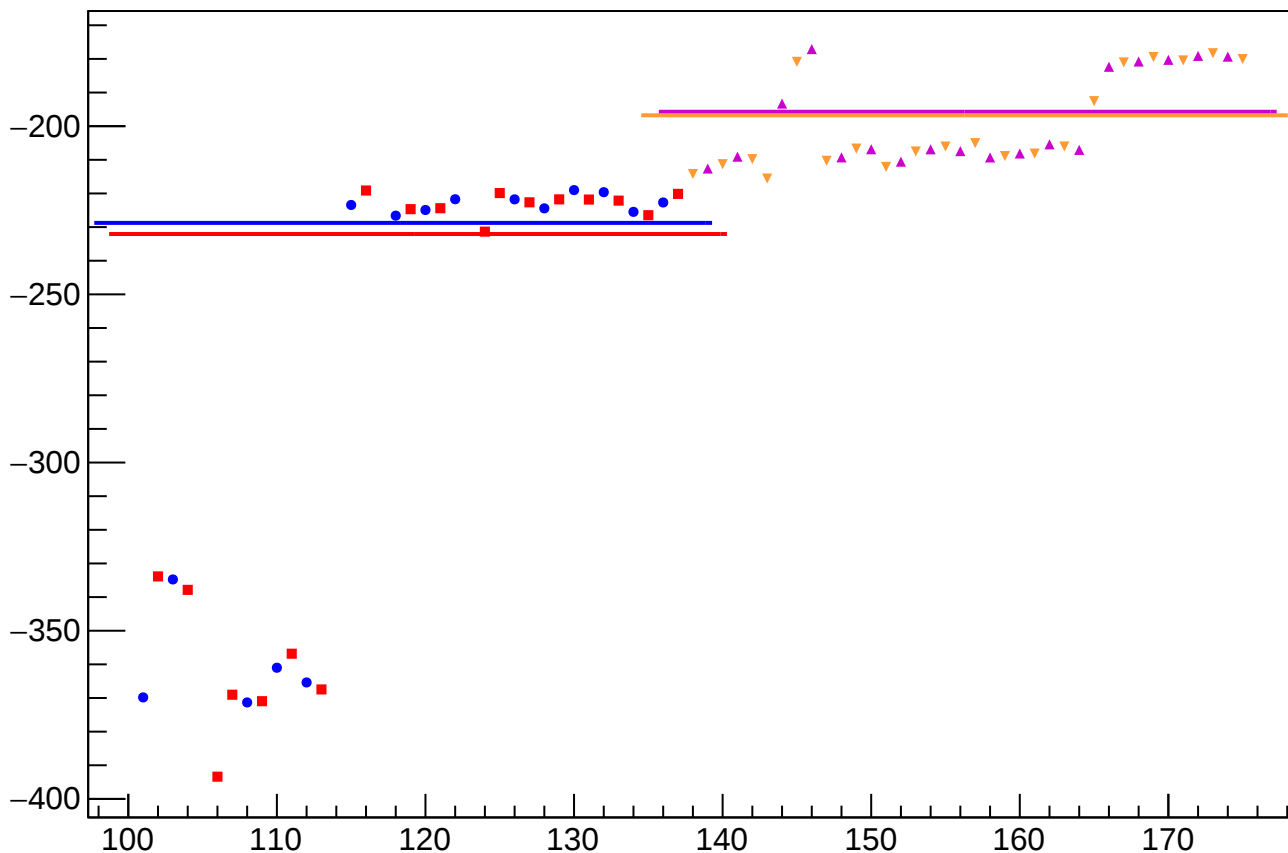
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 12.967 ± 0.006 χ^2/NDF : 337944.4/32

Out: 12.940 ± 0.007 χ^2/NDF : 325033.6/37

All: 12.955 ± 0.005 χ^2/NDF : 662986.3/70

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -196.765 ± 0.015 χ^2/NDF : 993850.5/19

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -195.714 ± 0.013 χ^2/NDF : 1109522.8/17

Left: -196.189 ± 0.010 χ^2/NDF : 2106212.9/37

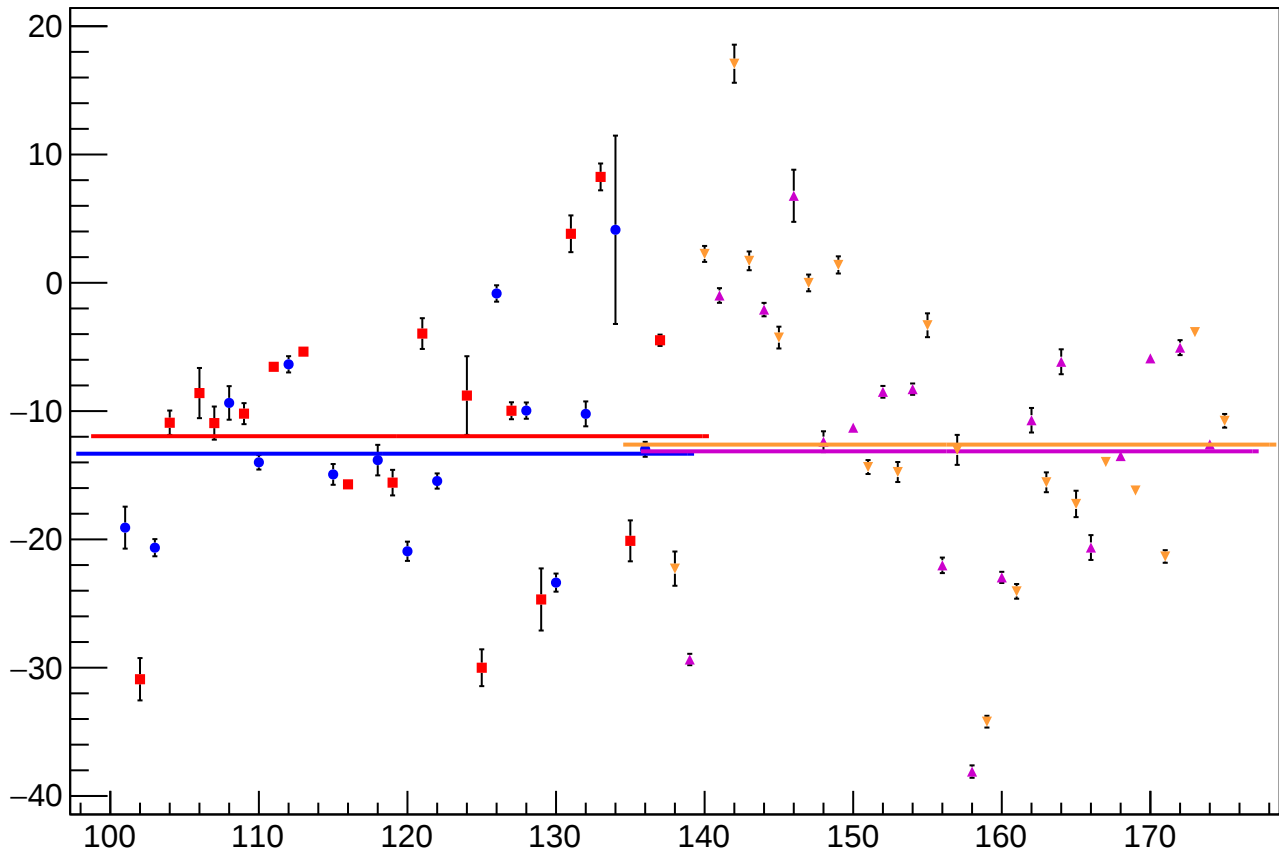
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -199.928 ± 0.012 χ^2/NDF : 2558542.1/32

Out: -200.686 ± 0.014 χ^2/NDF : 2434453.4/37

All: -200.267 ± 0.009 χ^2/NDF : 4994672.1/70

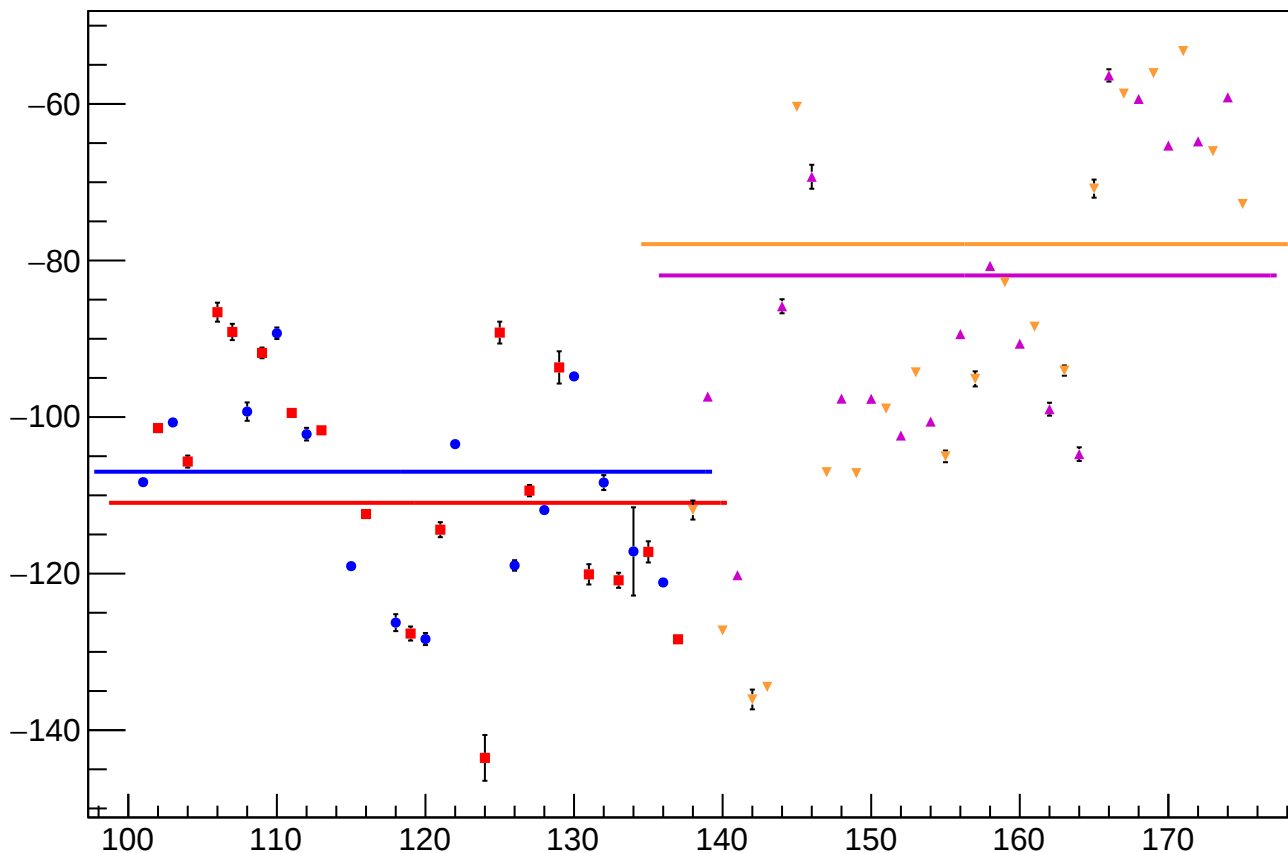
dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321+/-0.194 χ^2/NDF : 1013.0/14
 Left Out: -12.611+/-0.126 χ^2/NDF : 6128.9/19
 Right Out: -11.956+/-0.113 χ^2/NDF : 2487.2/17
 Left In: -13.136+/-0.111 χ^2/NDF : 6936.7/17

Left: -12.907+/-0.083 χ^2/NDF : 13075.5/37
 Right: -12.301+/-0.097 χ^2/NDF : 3537.3/32
 In: -13.182+/-0.096 χ^2/NDF : 7950.4/32
 Out: -12.248+/-0.084 χ^2/NDF : 8631.2/37
 All: -12.652+/-0.063 χ^2/NDF : 16635.1/70

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -77.911 ± 0.101 χ^2/NDF : 52126.6/19

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -81.909 ± 0.093 χ^2/NDF : 41077.3/17

Left: -80.067 ± 0.068 χ^2/NDF : 94050.5/37

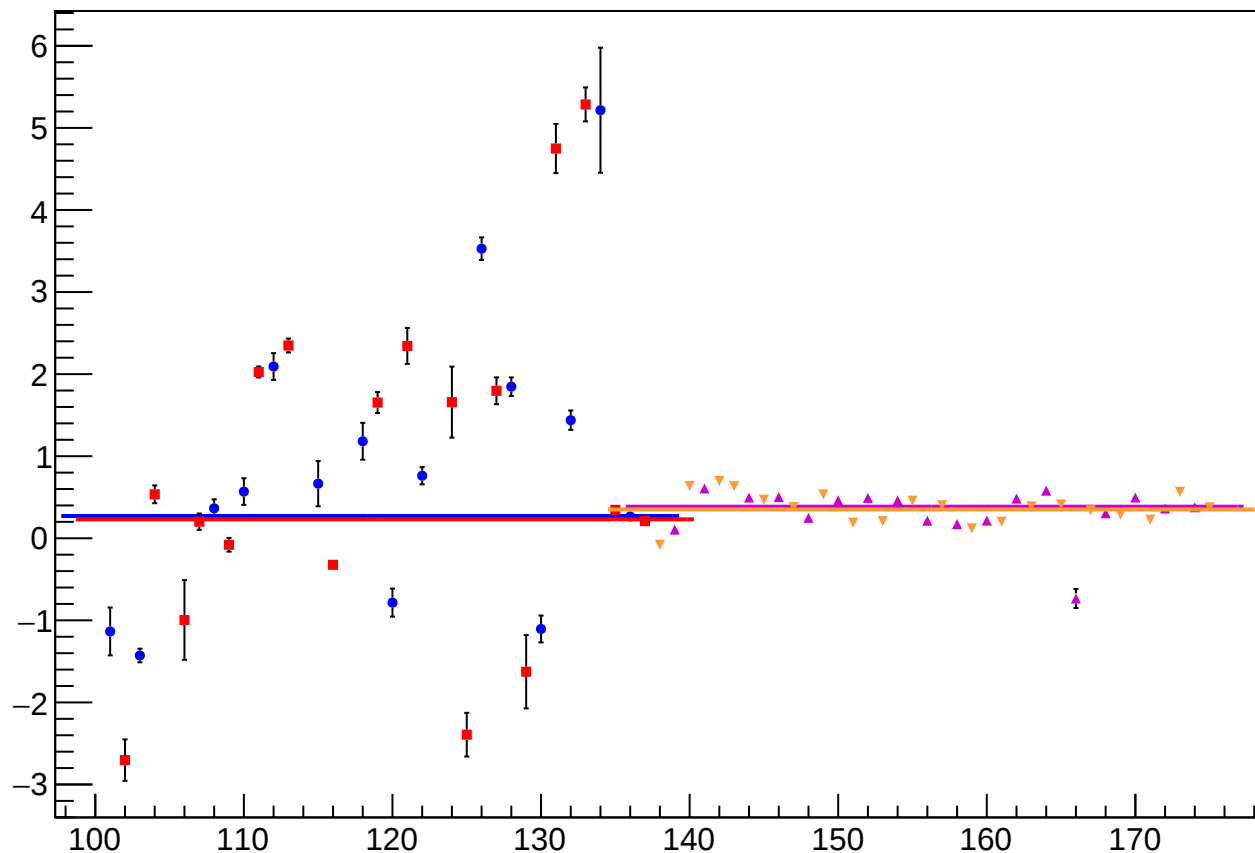
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -92.395 ± 0.071 χ^2/NDF : 75951.5/32

Out: -104.402 ± 0.045 χ^2/NDF : 148781.0/37

All: -100.978 ± 0.038 χ^2/NDF : 245090.1/70

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.351 ± 0.002 $\chi^2/\text{NDF}: 8955.3/19$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.385 ± 0.002 $\chi^2/\text{NDF}: 8292.1/17$

Left: 0.370 ± 0.001 $\chi^2/\text{NDF}: 17438.1/37$

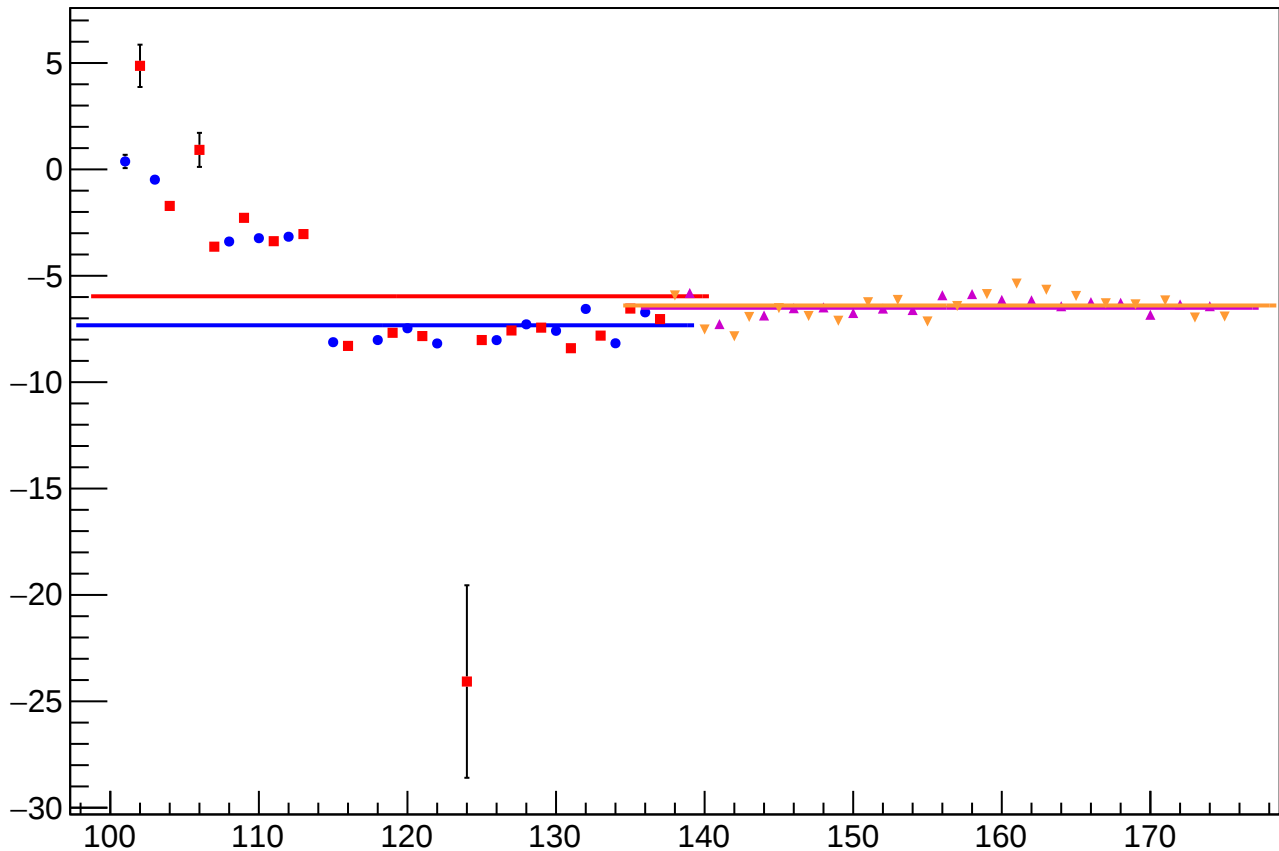
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.375 ± 0.002 $\chi^2/\text{NDF}: 10320.2/32$

Out: 0.333 ± 0.002 $\chi^2/\text{NDF}: 12491.4/37$

All: 0.355 ± 0.001 $\chi^2/\text{NDF}: 23136.9/70$

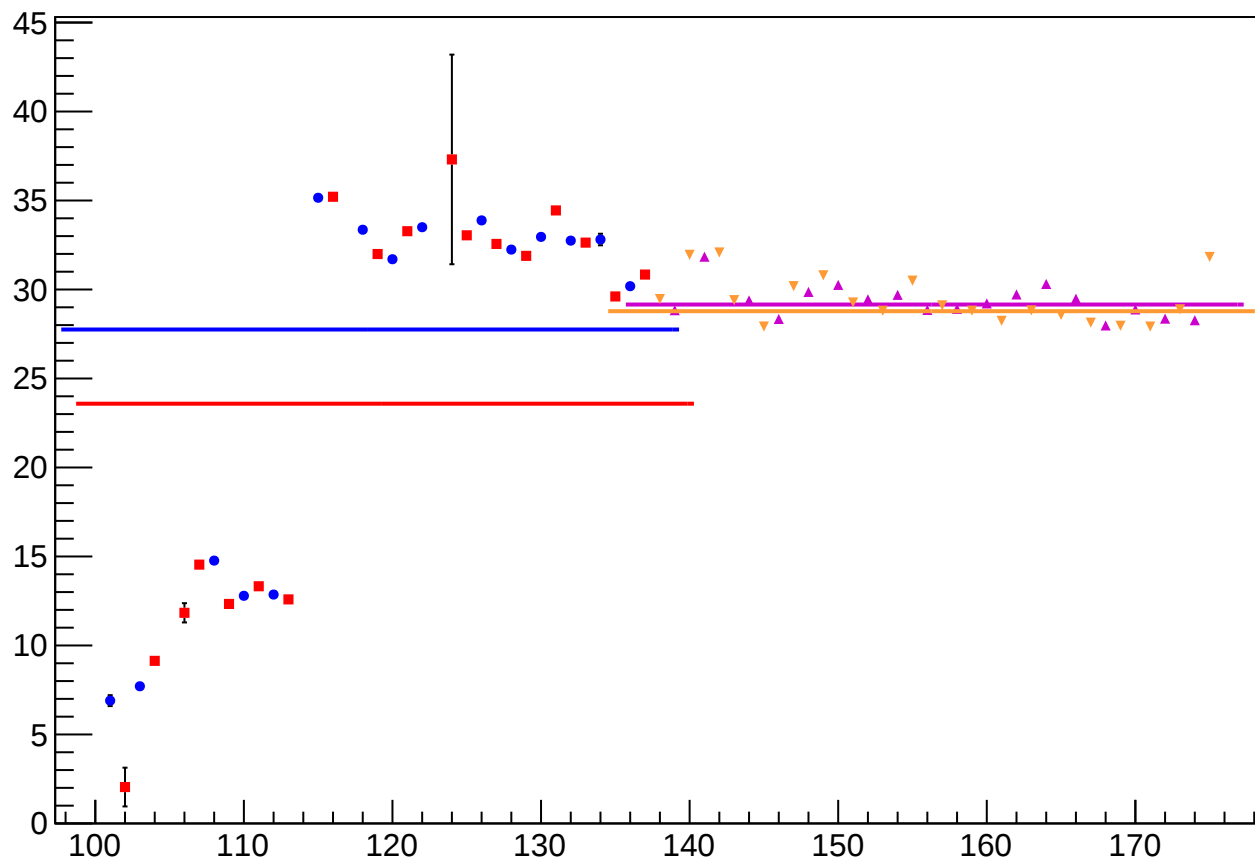
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14
 Left Out: -6.395 ± 0.005 χ^2/NDF : 6518.9/19
 Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17
 Left In: -6.504 ± 0.005 χ^2/NDF : 6529.1/17

Left: -6.453 ± 0.003 χ^2/NDF : 13292.4/37
 Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32
 In: -6.704 ± 0.004 χ^2/NDF : 44323.0/32
 Out: -6.288 ± 0.004 χ^2/NDF : 80141.9/37
 All: -6.508 ± 0.003 χ^2/NDF : 129236.1/70

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.782 $\pm$ 0.009 χ^2 /NDF:14271.0/19

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.156 $\pm$ 0.009 χ^2 /NDF:7533.6/17

Left: 28.974 $\pm$ 0.006 χ^2 /NDF: 22711.4/37

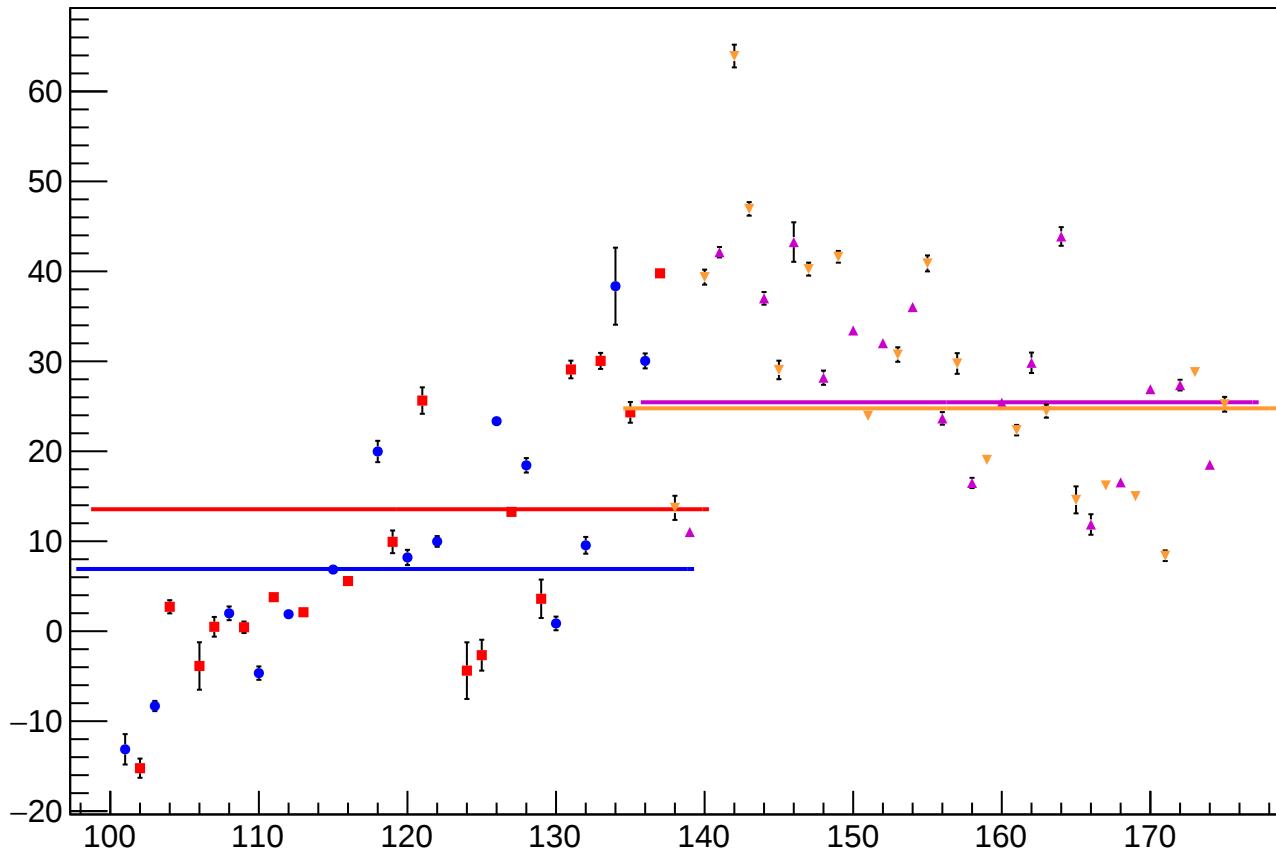
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.807 $\pm$ 0.007 χ^2 /NDF:347009.0/32

Out: 27.240 $\pm$ 0.007 χ^2 /NDF:654914.4/37

All: 28.021 $\pm$ 0.005 χ^2 /NDF: 1023860.5/70

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2 /NDF: 3503.2/14

Left Out: 24.773 $\pm$ 0.139 χ^2 /NDF: 5968.7/19

Right Out: 13.557 $\pm$ 0.145 χ^2 /NDF: 11657.2/17

Left In: 25.447 $\pm$ 0.121 χ^2 /NDF: 5812.2/17

Left: 25.158 $\pm$ 0.091 χ^2 /NDF: 11794.4/37

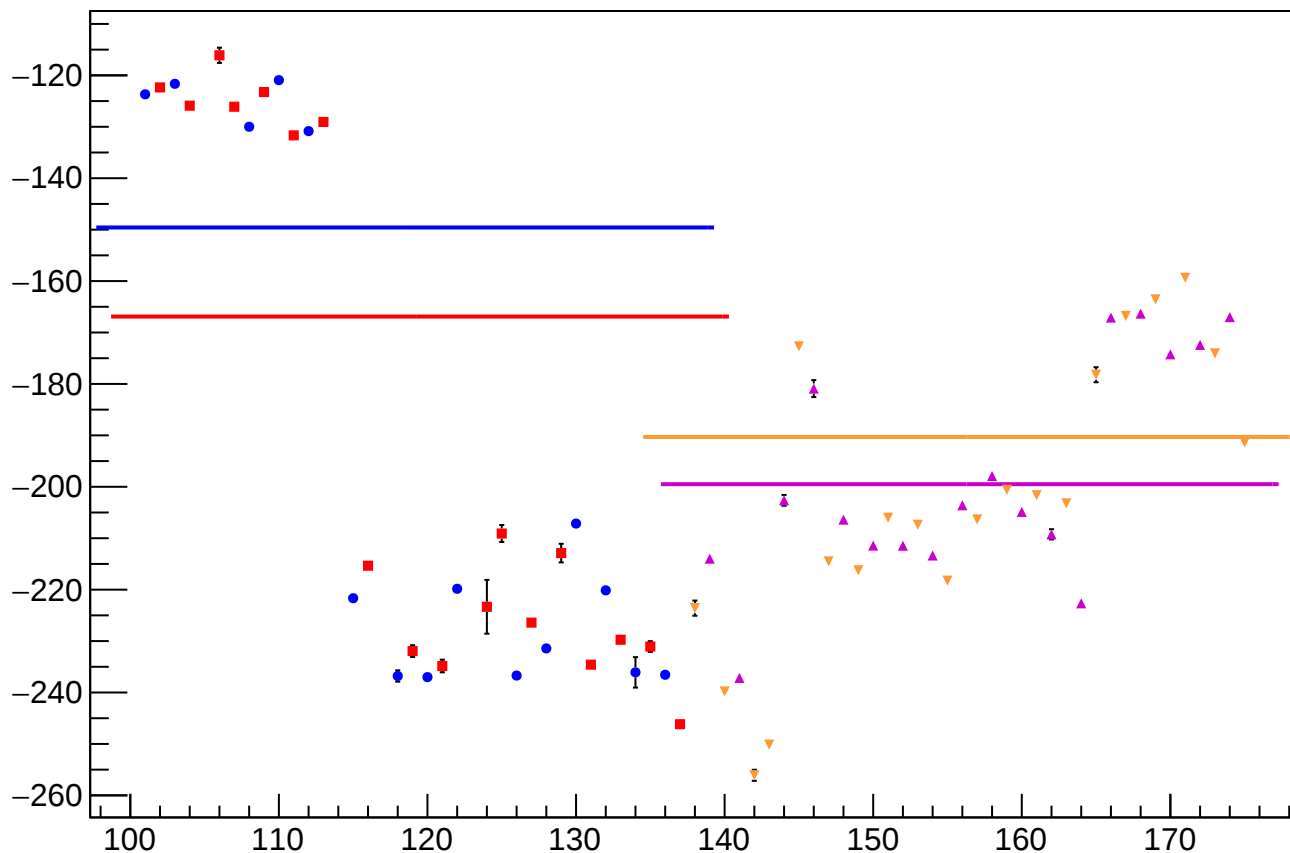
Right: 10.880 $\pm$ 0.112 χ^2 /NDF: 16004.9/32

In: 19.540 $\pm$ 0.100 χ^2 /NDF: 16820.6/32

Out: 19.395 $\pm$ 0.100 χ^2 /NDF: 20737.5/37

All: 19.468 $\pm$ 0.071 χ^2 /NDF: 37559.1/70

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2 /NDF: 195091.5/14

Left Out: -190.312 $\pm$ 0.113 χ^2 /NDF: 48394.3/19

Right Out: -166.899 $\pm$ 0.101 χ^2 /NDF: 295489.9/17

Left In: -199.492 $\pm$ 0.103 χ^2 /NDF: 39316.5/17

Left: -195.319 $\pm$ 0.076 χ^2 /NDF: 91328.8/37

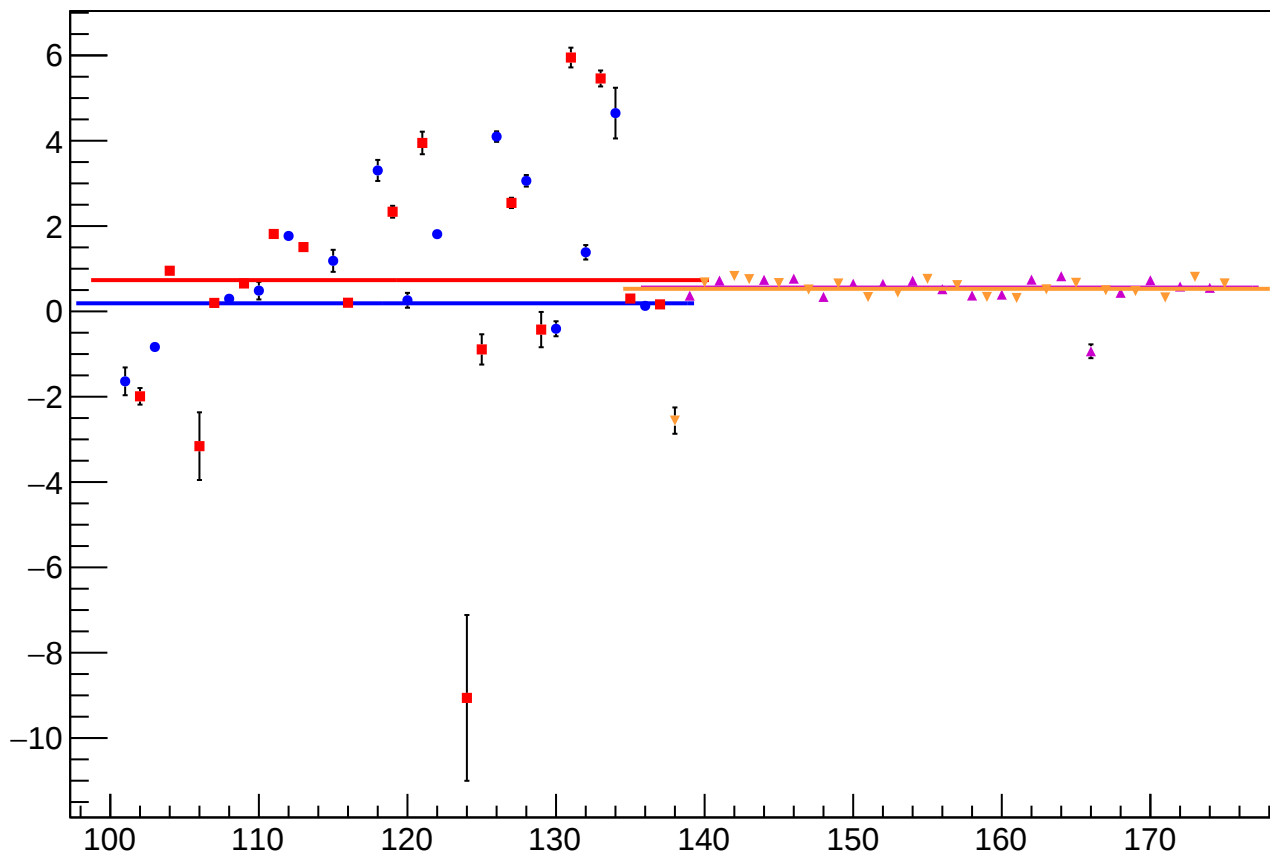
Right: -158.264 $\pm$ 0.071 χ^2 /NDF: 505360.9/32

In: -174.039 $\pm$ 0.072 χ^2 /NDF: 354386.5/32

Out: -177.278 $\pm$ 0.075 χ^2 /NDF: 367900.6/37

All: -175.592 $\pm$ 0.052 χ^2 /NDF: 723256.4/70

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.529 ± 0.002 $\chi^2/\text{NDF}: 8070.5/19$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.558 ± 0.002 $\chi^2/\text{NDF}: 5290.5/17$

Left: 0.544 ± 0.001 $\chi^2/\text{NDF}: 13457.3/37$

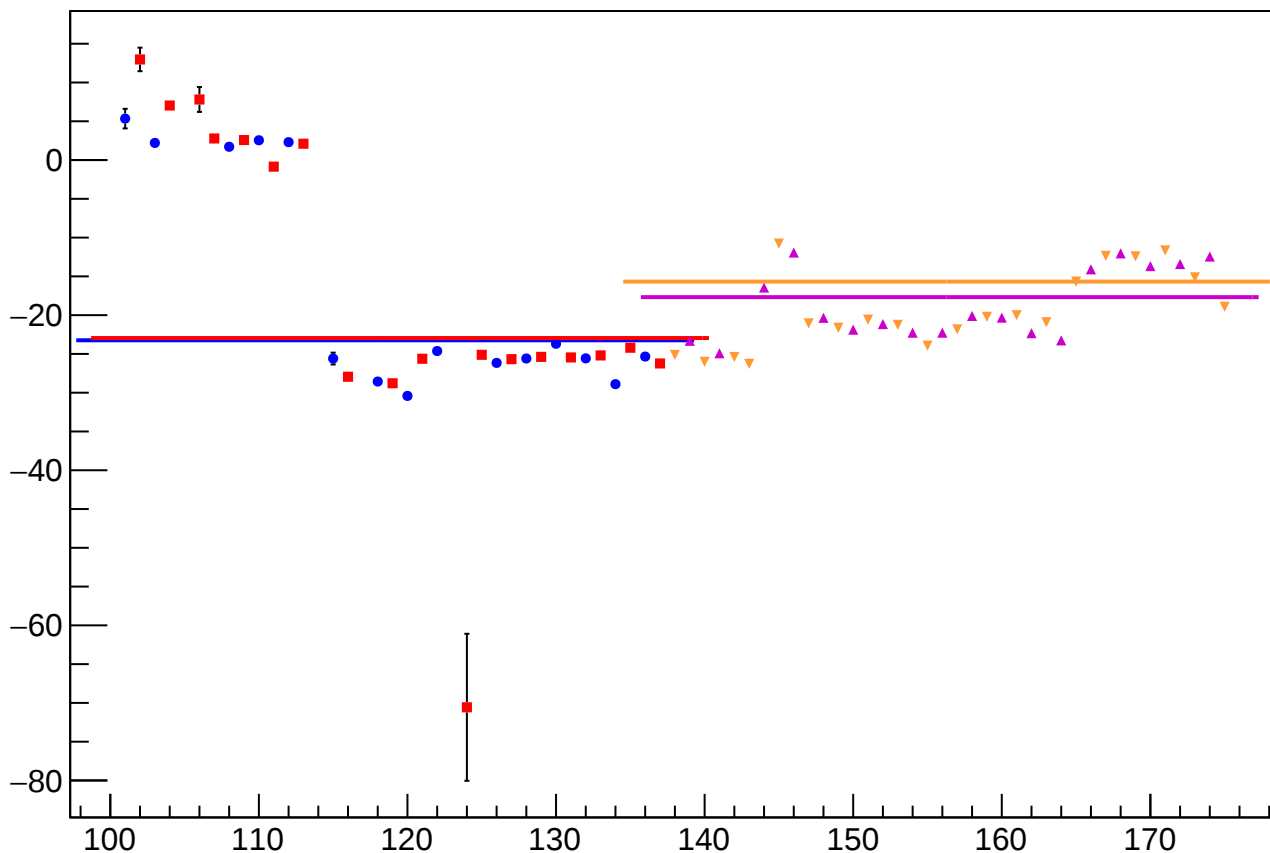
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.538 ± 0.002 $\chi^2/\text{NDF}: 9751.9/32$

Out: 0.532 ± 0.002 $\chi^2/\text{NDF}: 10842.3/37$

All: 0.535 ± 0.001 $\chi^2/\text{NDF}: 20599.6/70$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -15.673 ± 0.012 χ^2/NDF : 176508.2/19

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -17.679 ± 0.012 χ^2/NDF : 120135.8/17

Left: -16.649 ± 0.008 χ^2/NDF : 311225.4/37

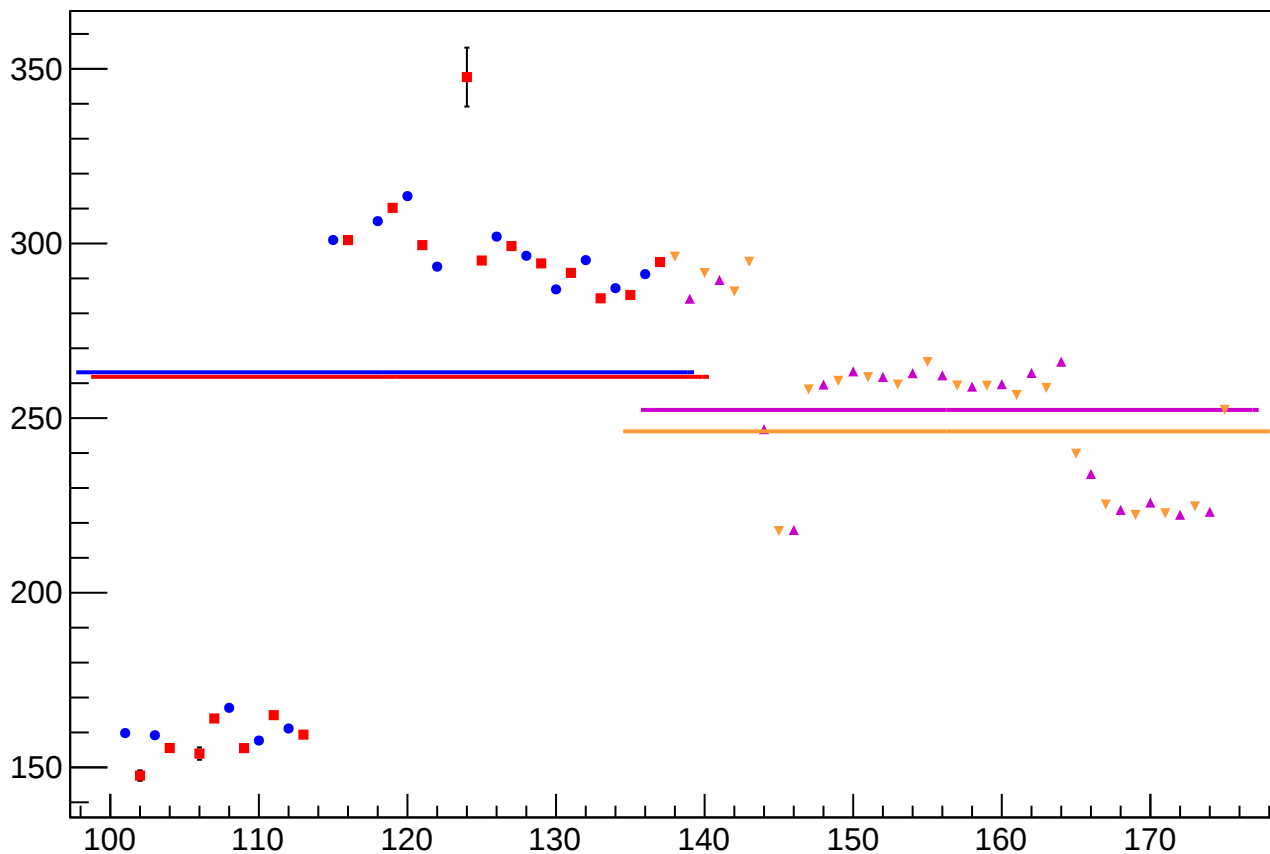
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -18.722 ± 0.011 χ^2/NDF : 264227.9/32

Out: -16.987 ± 0.010 χ^2/NDF : 355747.0/37

All: -17.836 ± 0.008 χ^2/NDF : 633340.3/70

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2/NDF : 692885.4/14

Left Out: 246.221 $\pm$ 0.029 χ^2/NDF : 674967.8/19

Right Out: 261.814 $\pm$ 0.060 χ^2/NDF : 1006189.6/17

Left In: 252.349 $\pm$ 0.029 χ^2/NDF : 356310.3/17

Left: 249.276 $\pm$ 0.020 χ^2/NDF : 1054191.2/37

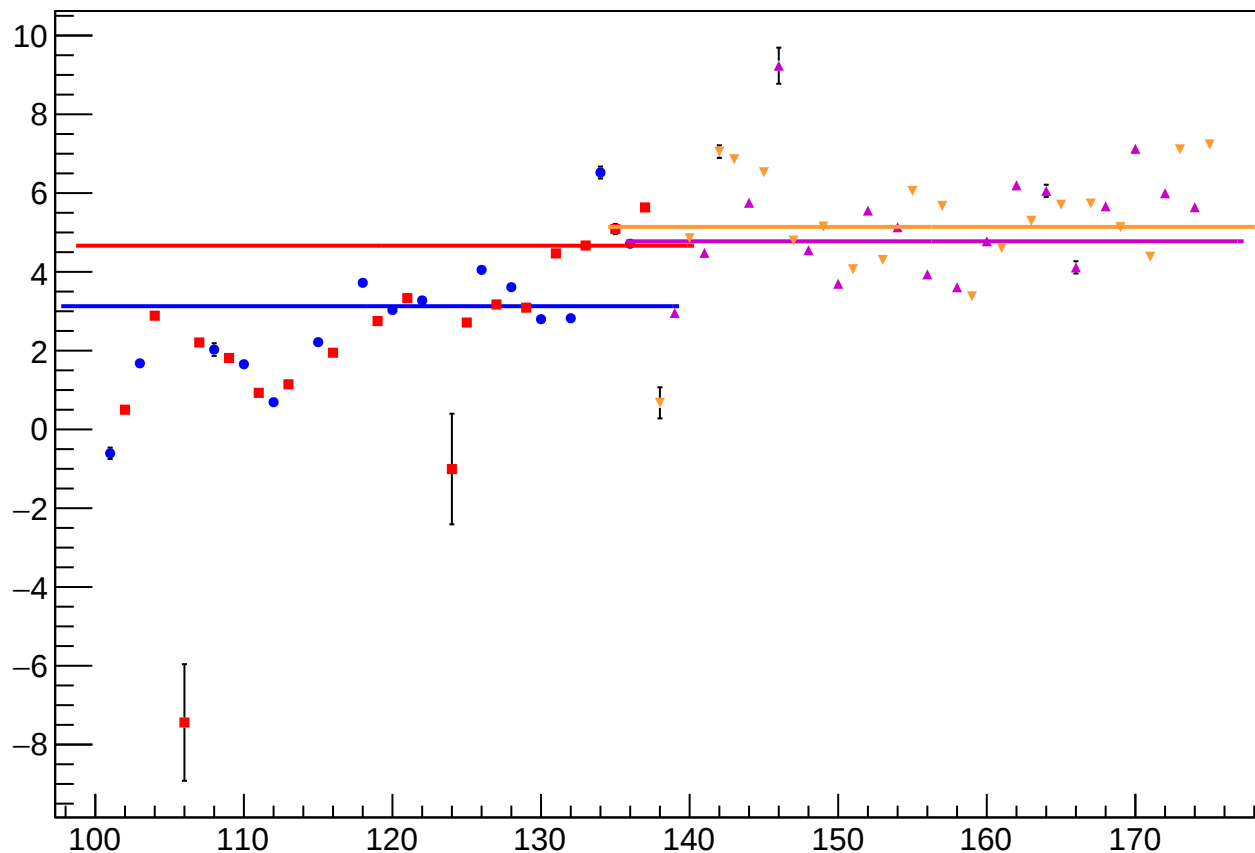
Right: 262.381 $\pm$ 0.045 χ^2/NDF : 1699277.6/32

In: 253.932 $\pm$ 0.026 χ^2/NDF : 1069937.1/32

Out: 249.071 $\pm$ 0.026 χ^2/NDF : 1735553.1/37

All: 251.442 $\pm$ 0.018 χ^2/NDF : 2822754.2/70

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.142 ± 0.015 $\chi^2/\text{NDF}: 4095.2/19$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.776 ± 0.013 $\chi^2/\text{NDF}: 8979.7/17$

Left: 4.944 ± 0.010 $\chi^2/\text{NDF}: 13416.0/37$

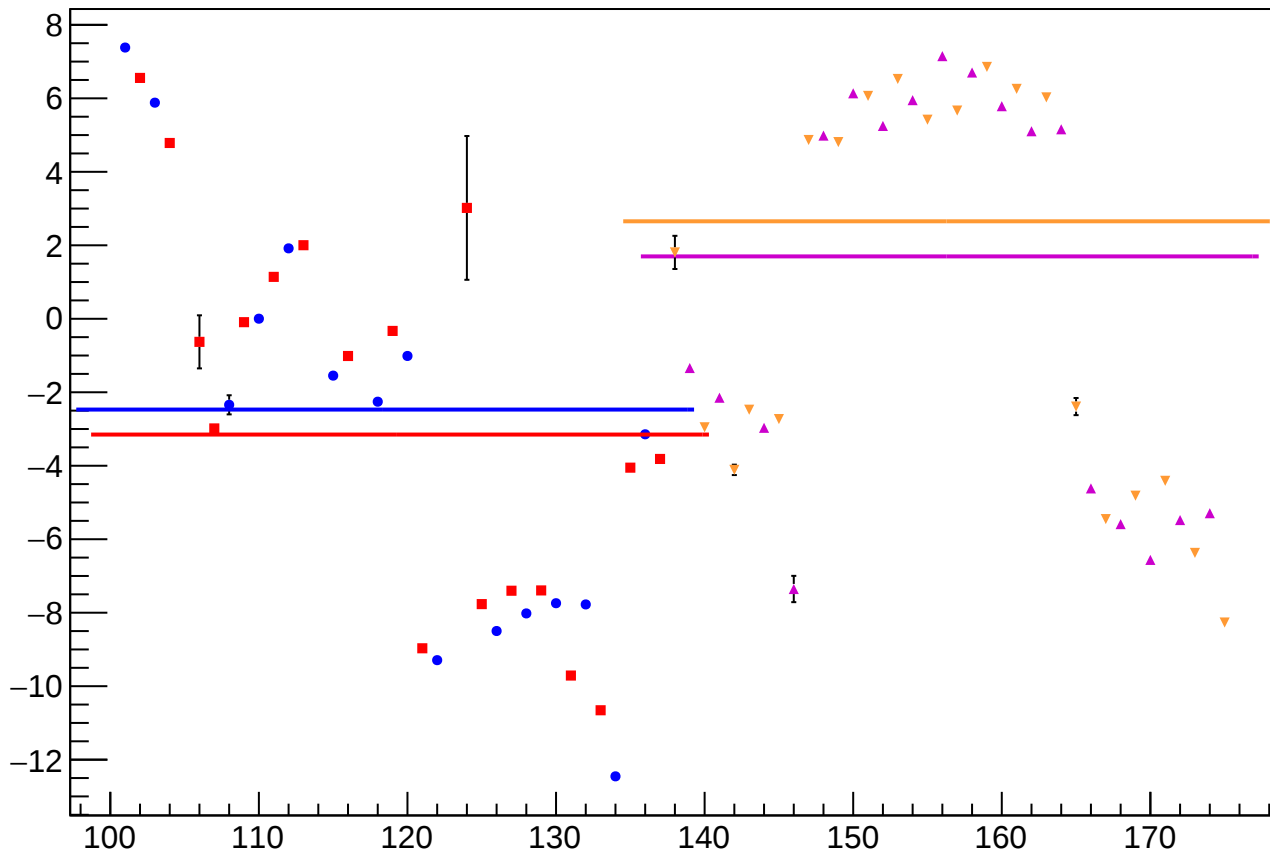
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.082 ± 0.010 $\chi^2/\text{NDF}: 20972.1/32$

Out: 4.741 ± 0.006 $\chi^2/\text{NDF}: 71861.9/37$

All: 4.579 ± 0.005 $\chi^2/\text{NDF}: 95970.8/70$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 2.653 ± 0.012 $\chi^2/\text{NDF}: 156042.5/19$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 1.698 ± 0.012 $\chi^2/\text{NDF}: 204265.3/17$

Left: 2.156 ± 0.008 $\chi^2/\text{NDF}: 363541.7/37$

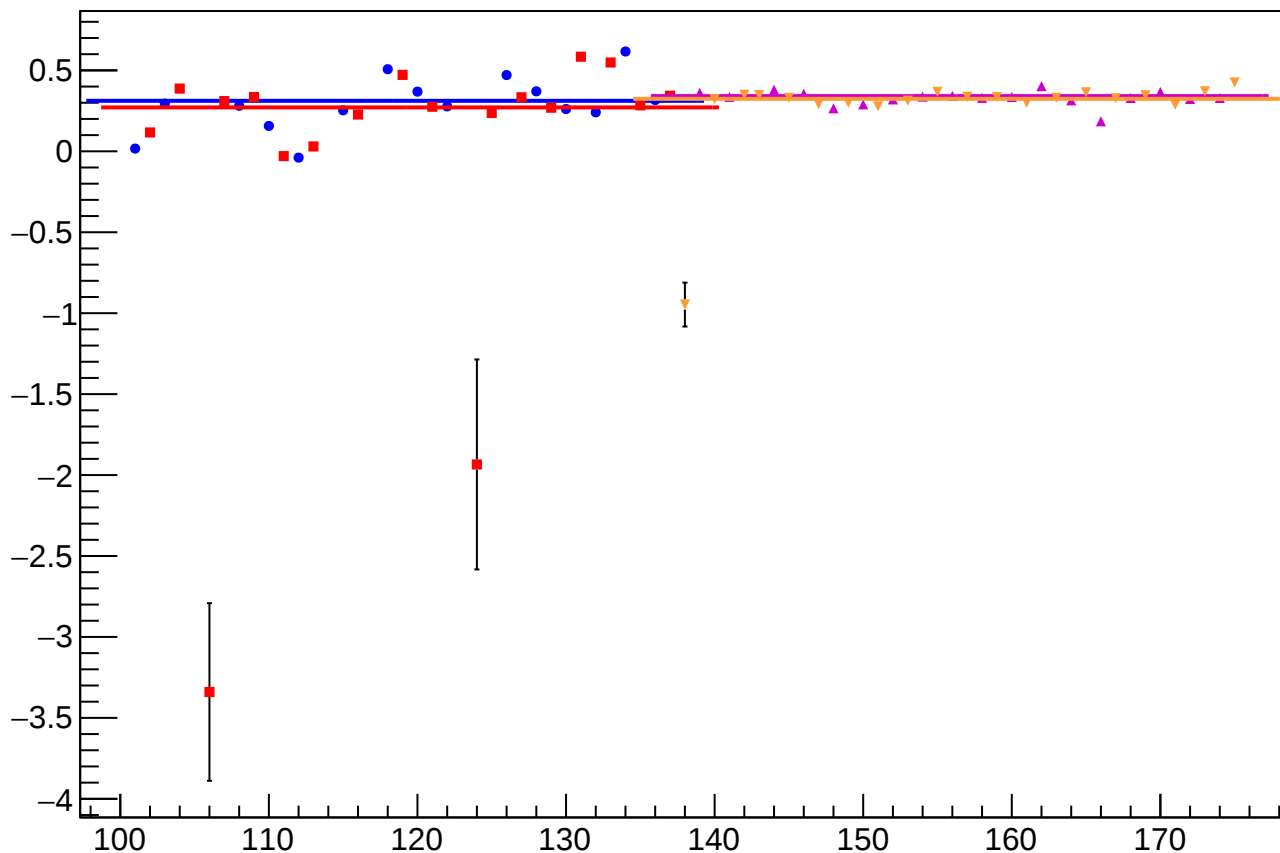
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.011 ± 0.009 $\chi^2/\text{NDF}: 498853.0/32$

Out: -1.565 ± 0.006 $\chi^2/\text{NDF}: 570076.5/37$

All: -1.041 ± 0.005 $\chi^2/\text{NDF}: 1089514.6/70$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.324 ± 0.001 $\chi^2/\text{NDF}: 2529.6/19$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.341 ± 0.001 $\chi^2/\text{NDF}: 3238.8/17$

Left: 0.333 ± 0.000 $\chi^2/\text{NDF}: 6181.9/37$

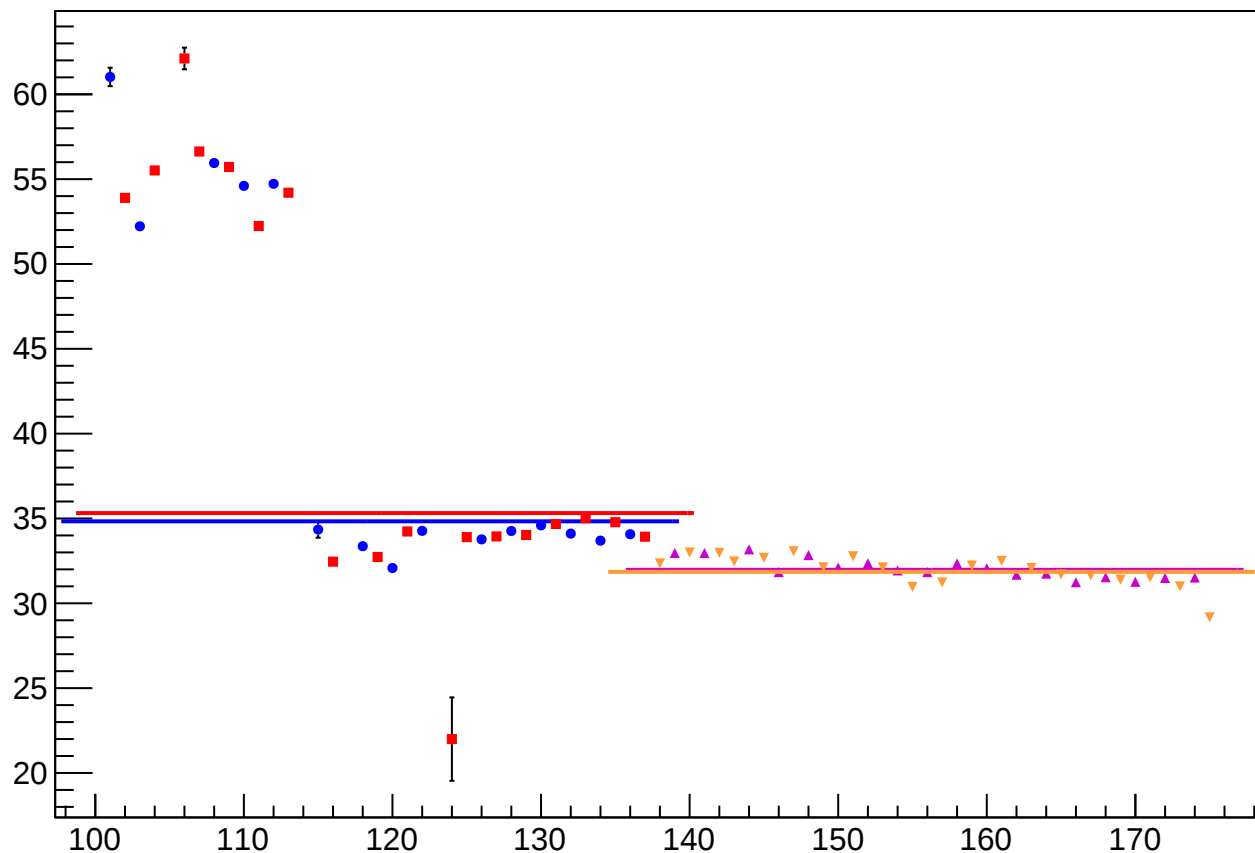
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.336 ± 0.001 $\chi^2/\text{NDF}: 4987.8/32$

Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 9258.5/37$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 14670.6/70$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2/NDF : 245568.8/14

Left Out: 31.856 $\pm$ 0.003 χ^2/NDF : 26746.5/19

Right Out: 35.319 $\pm$ 0.010 χ^2/NDF : 261492.0/17

Left In: 31.975 $\pm$ 0.004 χ^2/NDF : 14067.4/17

Left: 31.908 $\pm$ 0.002 χ^2/NDF : 41394.1/37

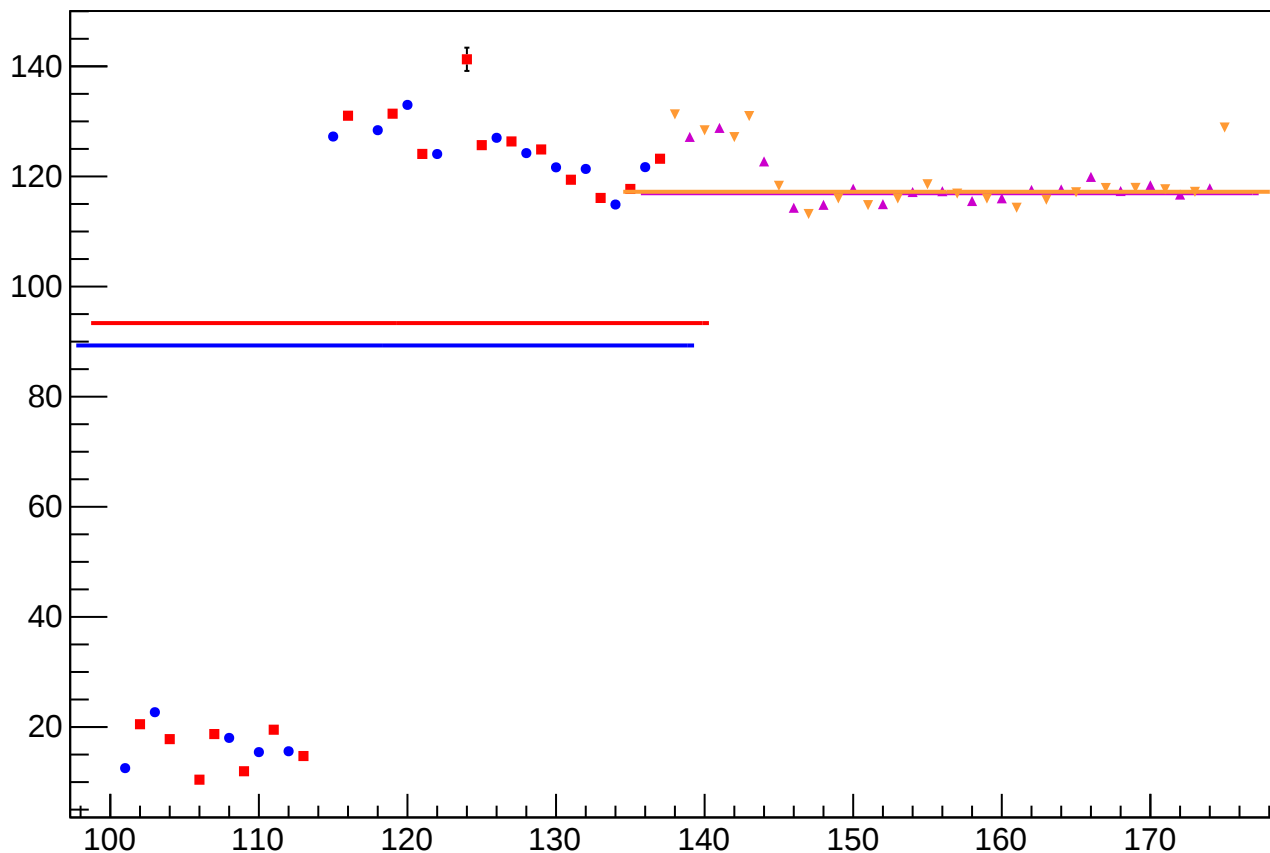
Right: 35.041 $\pm$ 0.007 χ^2/NDF : 508429.6/32

In: 32.417 $\pm$ 0.003 χ^2/NDF : 352490.6/32

Out: 32.194 $\pm$ 0.003 χ^2/NDF : 397486.2/37

All: 32.296 $\pm$ 0.002 χ^2/NDF : 752308.3/70

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14

Left Out: 117.216+/-0.008 χ^2/NDF :124850.9/19

Right Out: 93.367+/-0.030 χ^2/NDF : 2852493.6/17

Left In: 116.949+/-0.009 χ^2/NDF :44106.4/17

Left: 117.095+/-0.006 χ^2/NDF : 169459.4/37

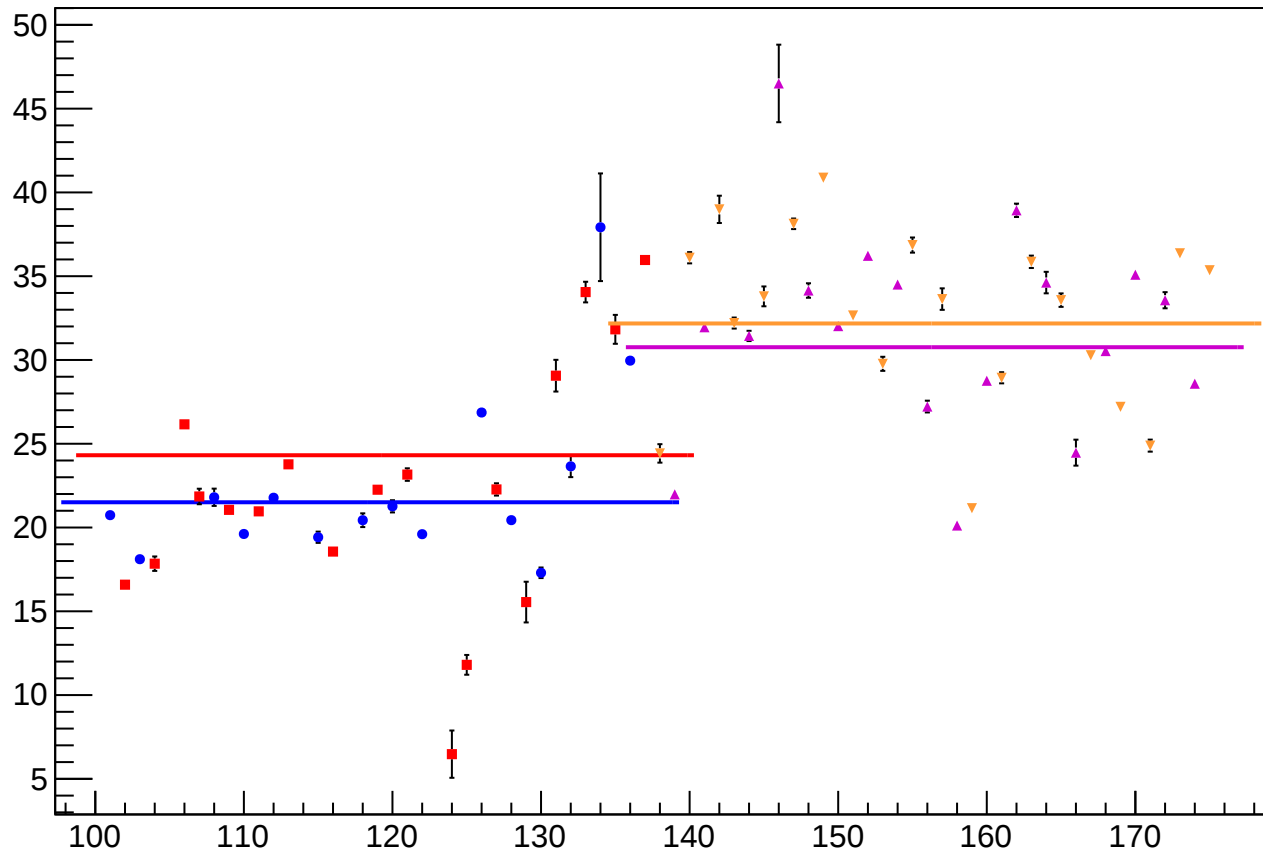
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 114.364+/-0.008 χ^2/NDF :3998971.0/32

Out: 115.619+/-0.008 χ^2/NDF :3569301.1/37

All: 115.042+/-0.006 χ^2/NDF : 7580354.3/70

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.179 ± 0.073 $\chi^2/\text{NDF}: 4981.0/19$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.761 ± 0.065 $\chi^2/\text{NDF}: 5594.3/17$

Left: 31.384 ± 0.048 $\chi^2/\text{NDF}: 10785.9/37$

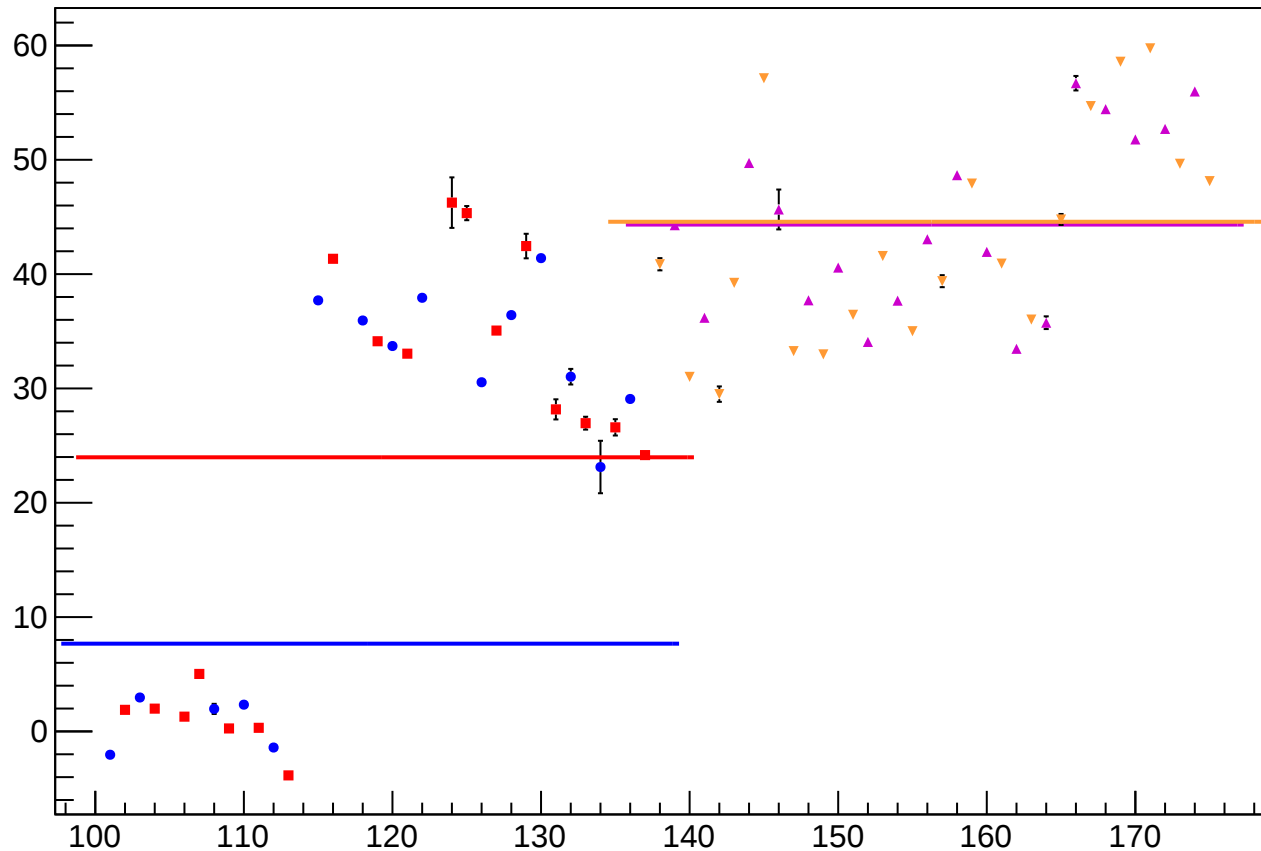
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 26.646 ± 0.048 $\chi^2/\text{NDF}: 17649.4/32$

Out: 27.381 ± 0.046 $\chi^2/\text{NDF}: 26331.4/37$

All: 27.033 ± 0.033 $\chi^2/\text{NDF}: 44103.2/70$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 44.580 ± 0.060 $\chi^2/\text{NDF}: 21817.6/19$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 44.334 ± 0.055 $\chi^2/\text{NDF}: 16235.2/17$

Left: 44.444 ± 0.041 $\chi^2/\text{NDF}: 38061.9/37$

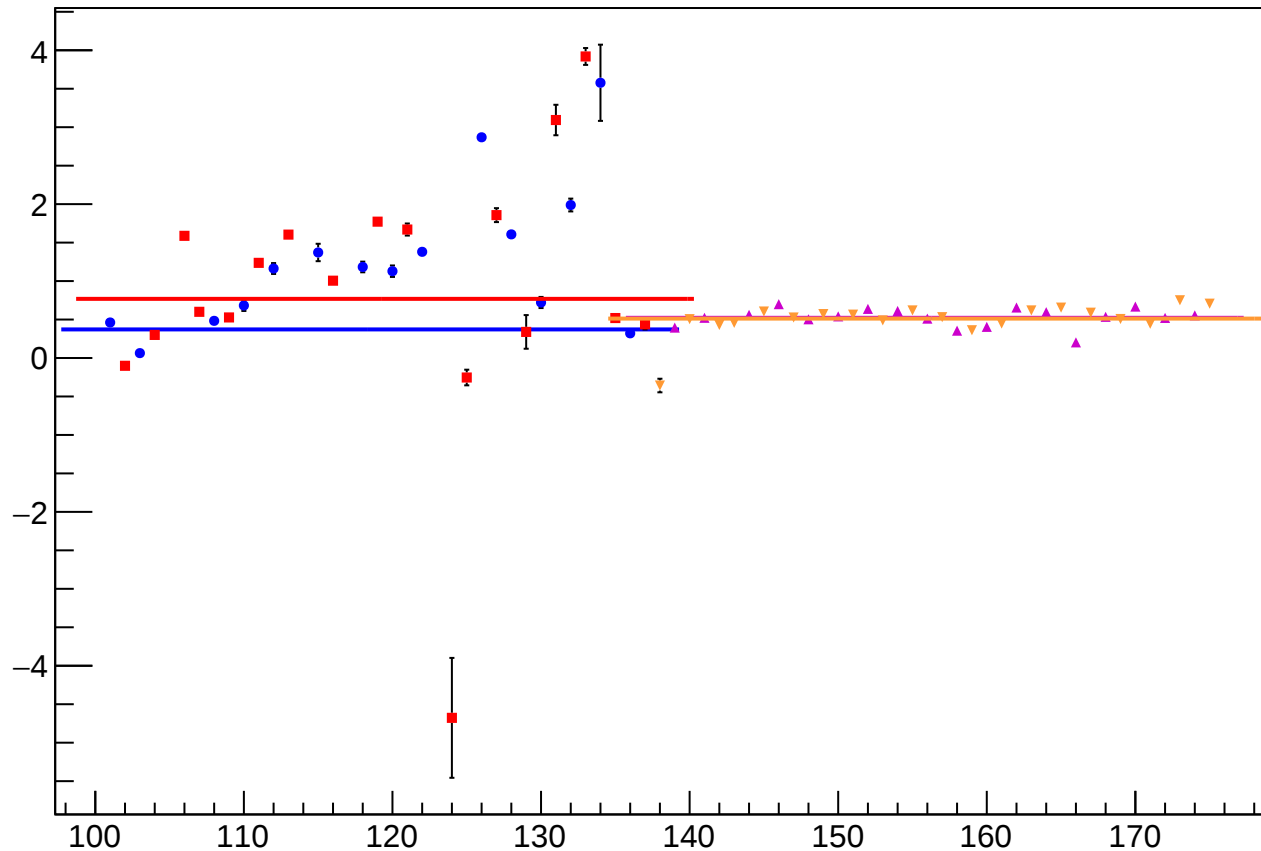
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 22.603 ± 0.035 $\chi^2/\text{NDF}: 380123.1/32$

Out: 24.347 ± 0.008 $\chi^2/\text{NDF}: 246356.7/37$

All: 24.258 ± 0.008 $\chi^2/\text{NDF}: 628858.9/70$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.512 ± 0.001 $\chi^2/\text{NDF}: 13102.3/19$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.522 ± 0.001 $\chi^2/\text{NDF}: 10578.6/17$

Left: 0.518 ± 0.001 $\chi^2/\text{NDF}: 23727.7/37$

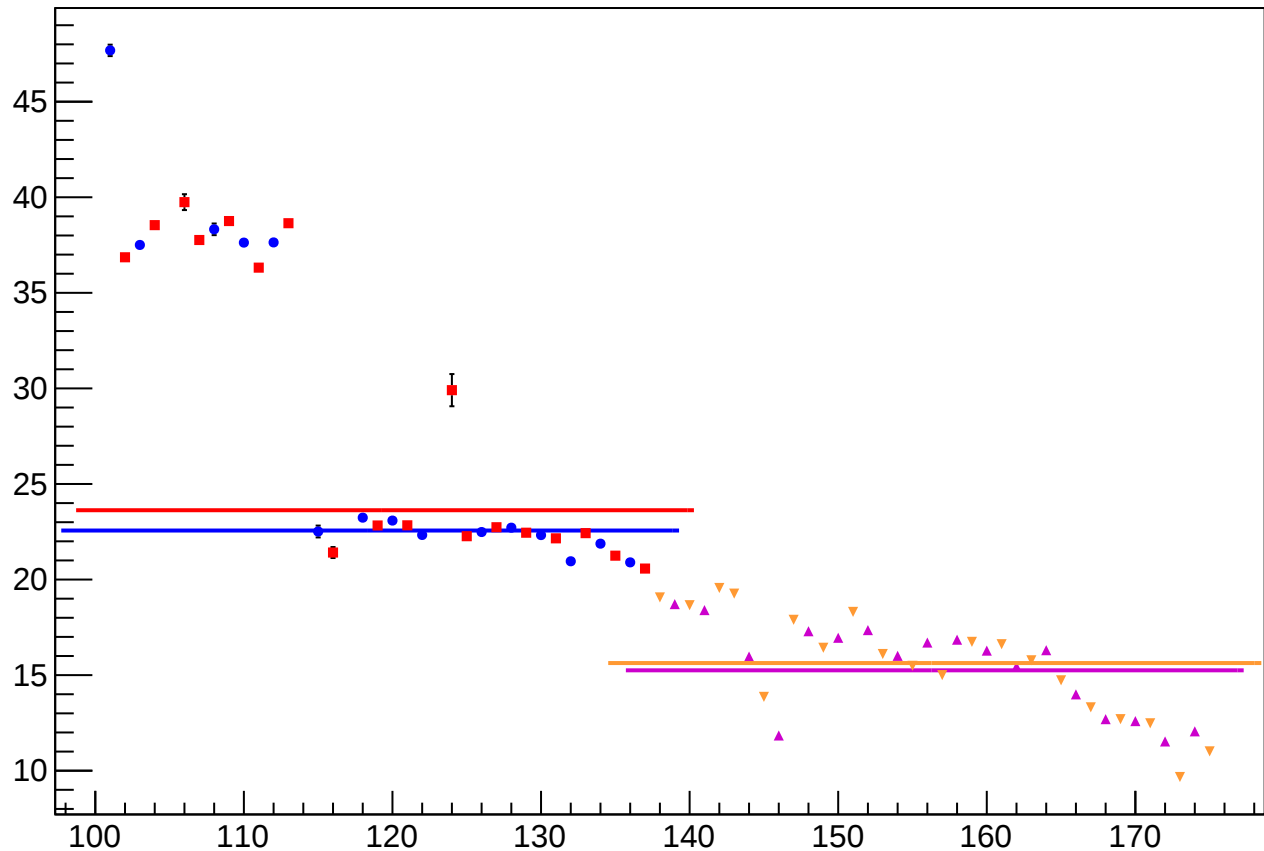
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.515 ± 0.001 $\chi^2/\text{NDF}: 16461.3/32$

Out: 0.518 ± 0.001 $\chi^2/\text{NDF}: 18576.6/37$

All: 0.516 ± 0.001 $\chi^2/\text{NDF}: 35044.3/70$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 15.632+/-0.006 χ^2/NDF : 191452.8/19

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 15.251+/-0.006 χ^2/NDF : 127363.6/17

Left: 15.454+/-0.004 χ^2/NDF : 320749.9/37

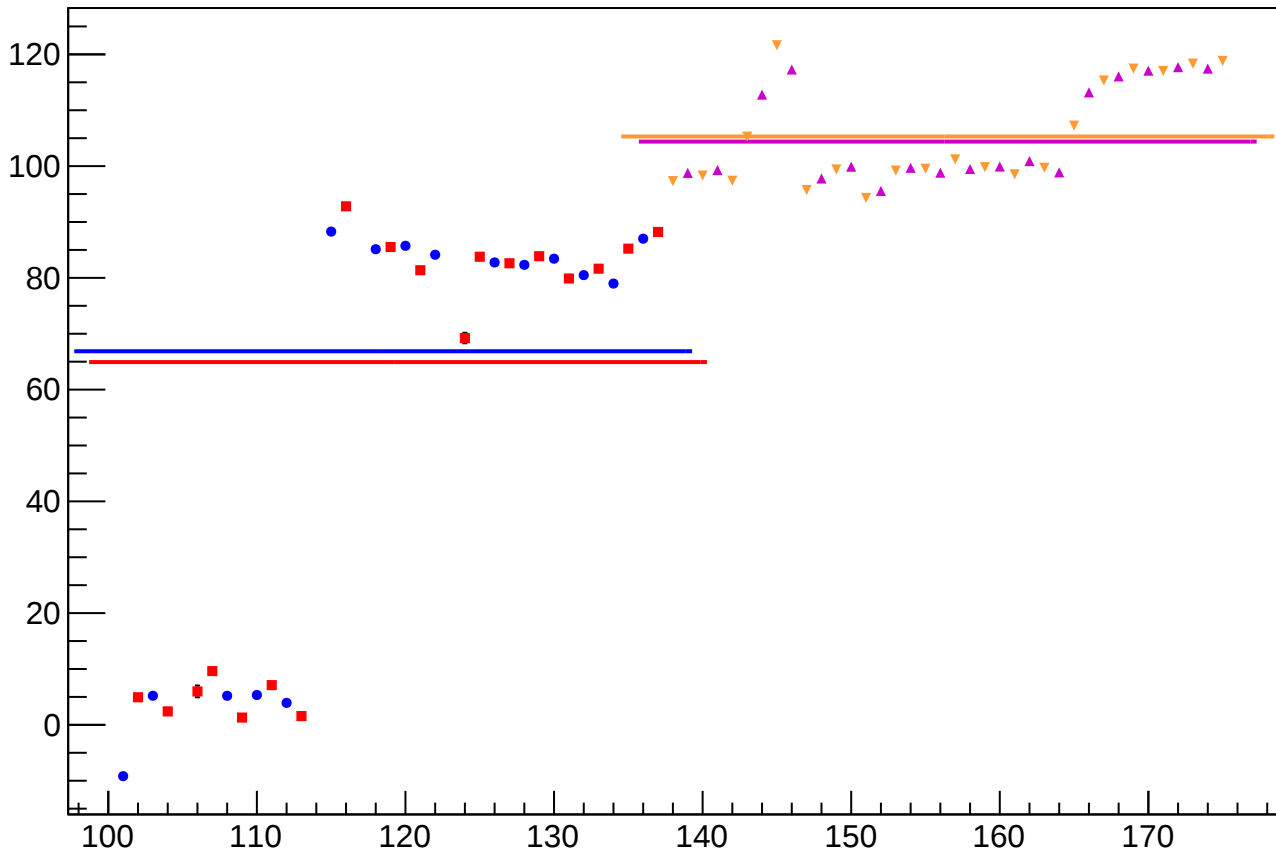
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 17.290+/-0.005 χ^2/NDF : 593000.1/32

Out: 17.371+/-0.005 χ^2/NDF : 711815.9/37

All: 17.332+/-0.004 χ^2/NDF : 1304934.9/70

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 105.310+/-0.011 χ^2/NDF : 636095.5/19

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 104.387+/-0.011 χ^2/NDF : 528538.6/17

Left: 104.850+/-0.008 χ^2/NDF : 1168105.3/37

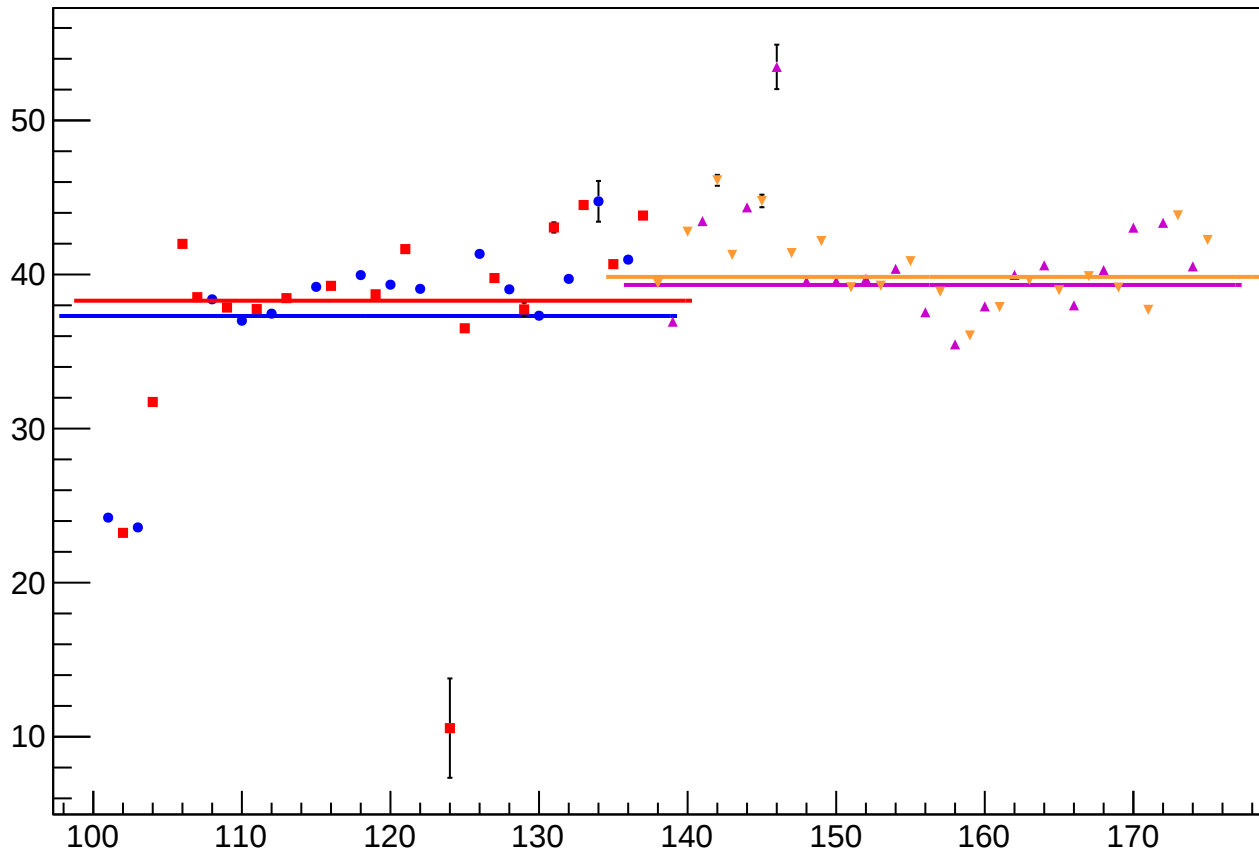
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 98.984+/-0.010 χ^2/NDF : 3668468.4/32

Out: 100.406+/-0.010 χ^2/NDF : 3591709.8/37

All: 99.688+/-0.007 χ^2/NDF : 7269675.8/70

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.844 ± 0.031 $\chi^2/\text{NDF}: 5336.1/19$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.322 ± 0.025 $\chi^2/\text{NDF}: 7579.0/17$

Left: 39.533 ± 0.020 $\chi^2/\text{NDF}: 13086.6/37$

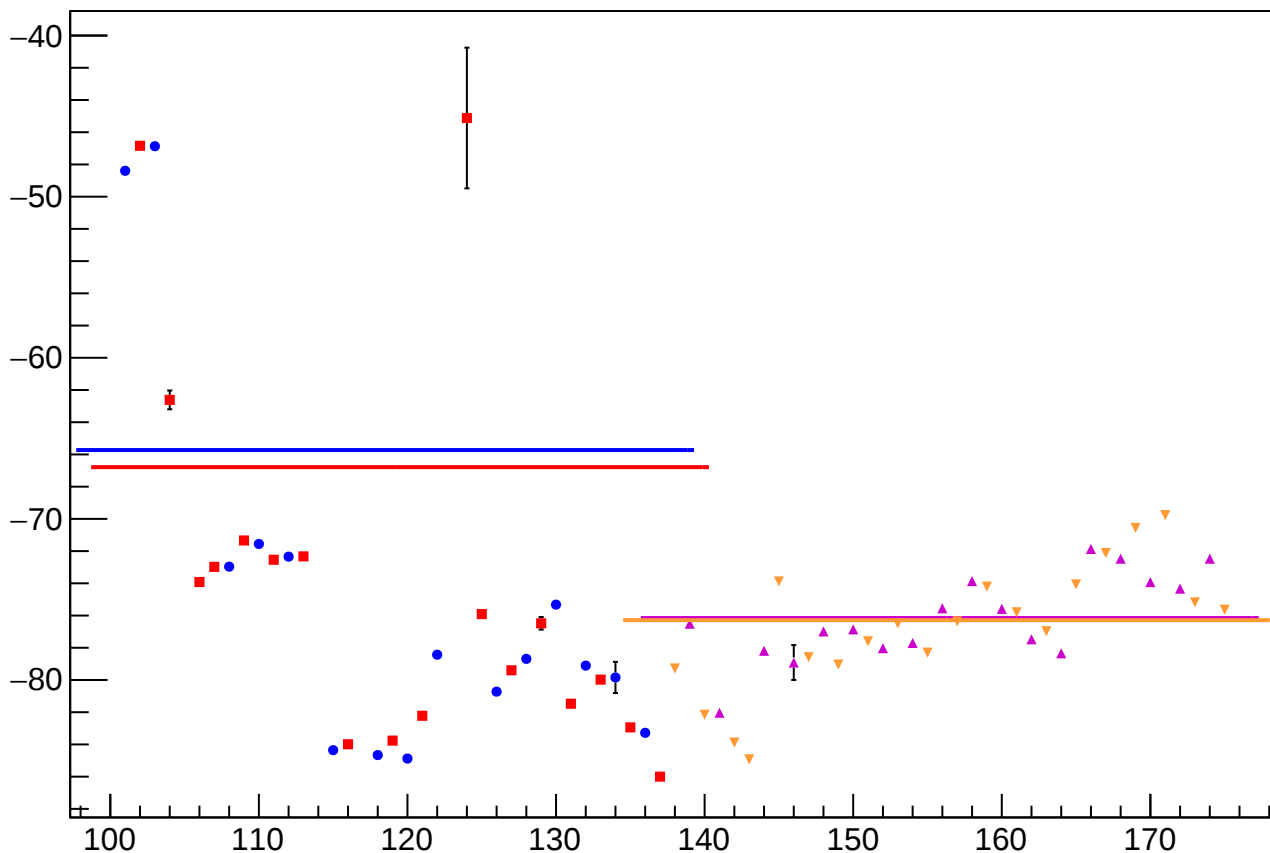
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.219 ± 0.017 $\chi^2/\text{NDF}: 70602.7/32$

Out: 38.775 ± 0.017 $\chi^2/\text{NDF}: 25918.8/37$

All: 38.497 ± 0.012 $\chi^2/\text{NDF}: 97051.2/70$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.288 $\pm$ 0.025 χ^2 /NDF: 21774.0/19

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.154 $\pm$ 0.021 χ^2 /NDF: 10074.9/17

Left: -76.208 $\pm$ 0.016 χ^2 /NDF: 31866.2/37

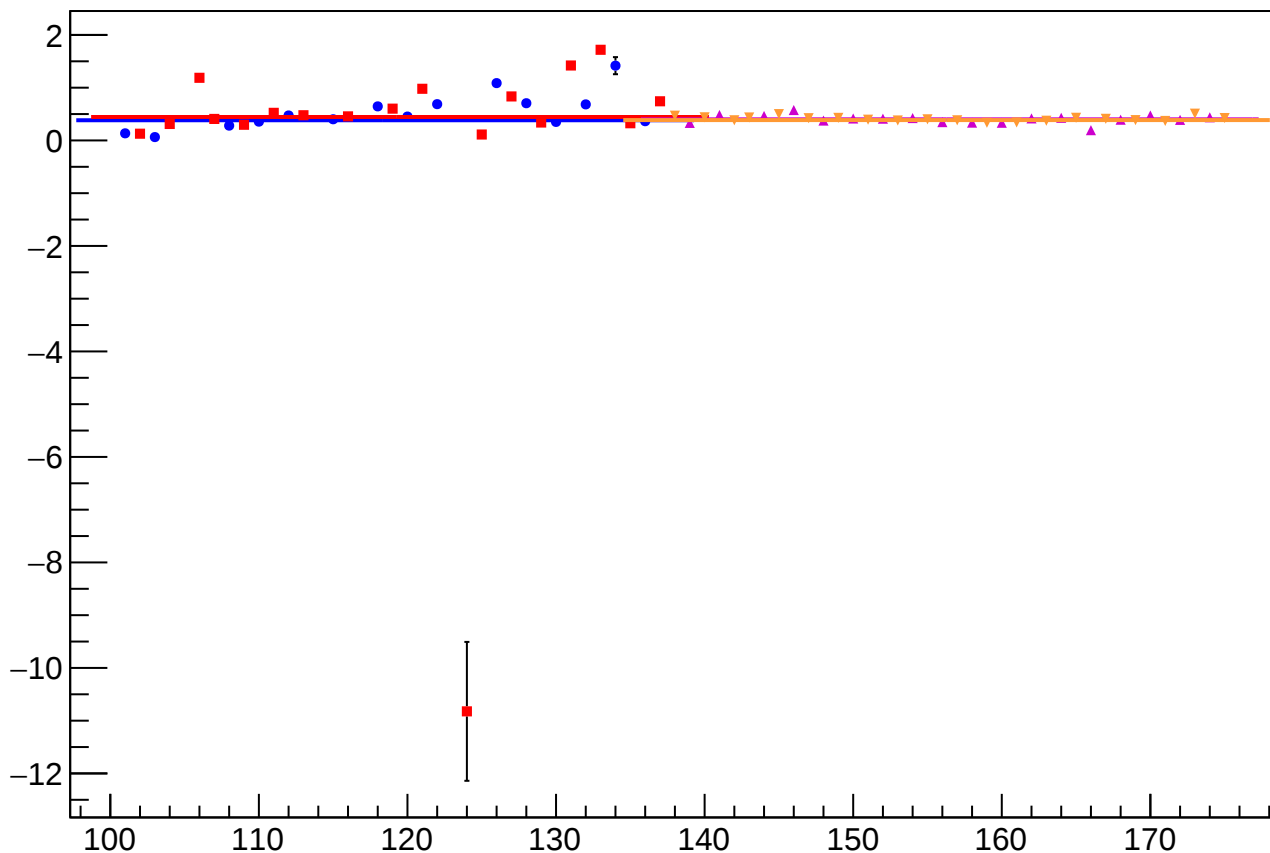
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.908 $\pm$ 0.013 χ^2 /NDF: 1066636.1/32

Out: -69.505 $\pm$ 0.013 χ^2 /NDF: 934434.1/37

All: -69.711 $\pm$ 0.009 χ^2 /NDF: 2001535.4/70

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.386 $\pm$ 0.000 χ^2 /NDF:9163.8/19

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.400 $\pm$ 0.000 χ^2 /NDF:8007.7/17

Left: 0.393 $\pm$ 0.000 χ^2 /NDF: 17601.4/37

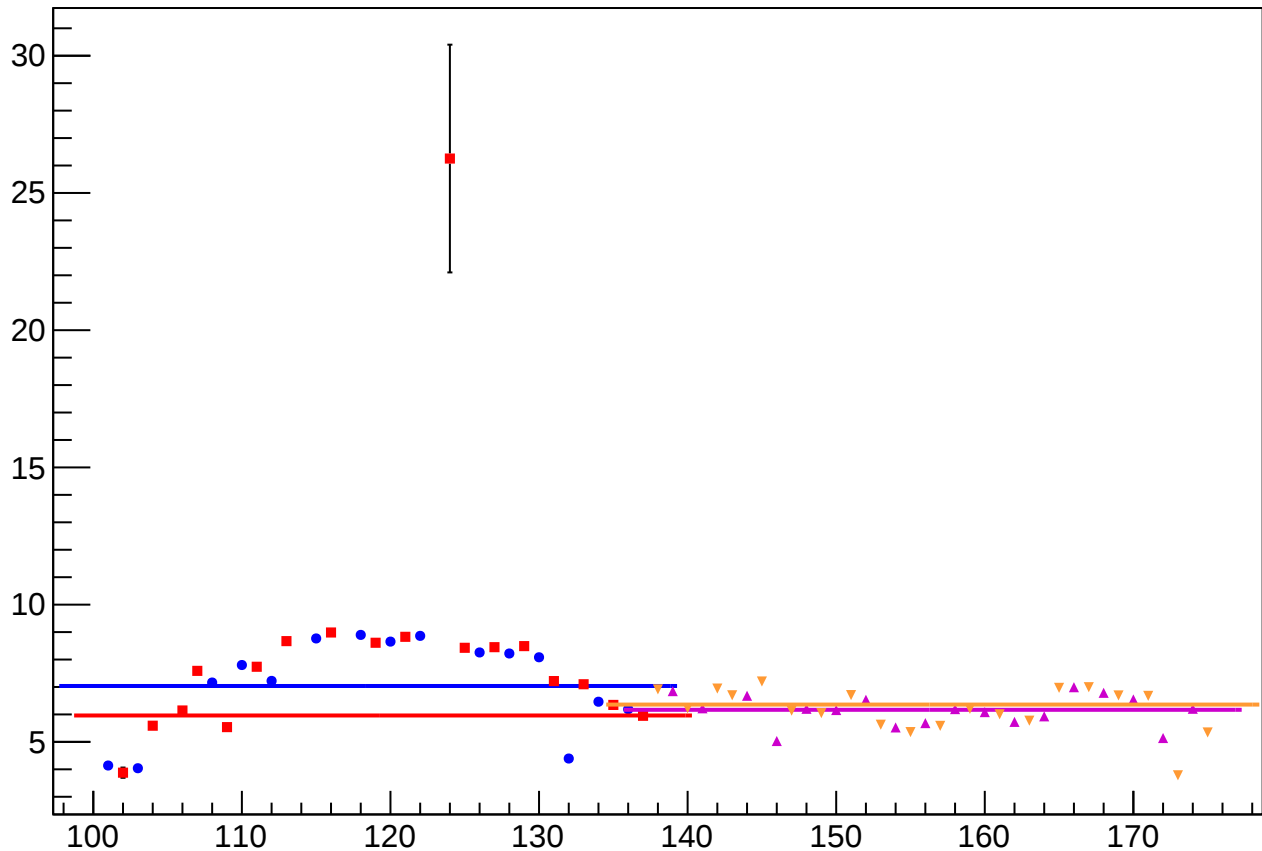
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.399 $\pm$ 0.000 χ^2 /NDF:16262.0/32

Out: 0.387 $\pm$ 0.000 χ^2 /NDF:12199.0/37

All: 0.393 $\pm$ 0.000 χ^2 /NDF: 28786.3/70

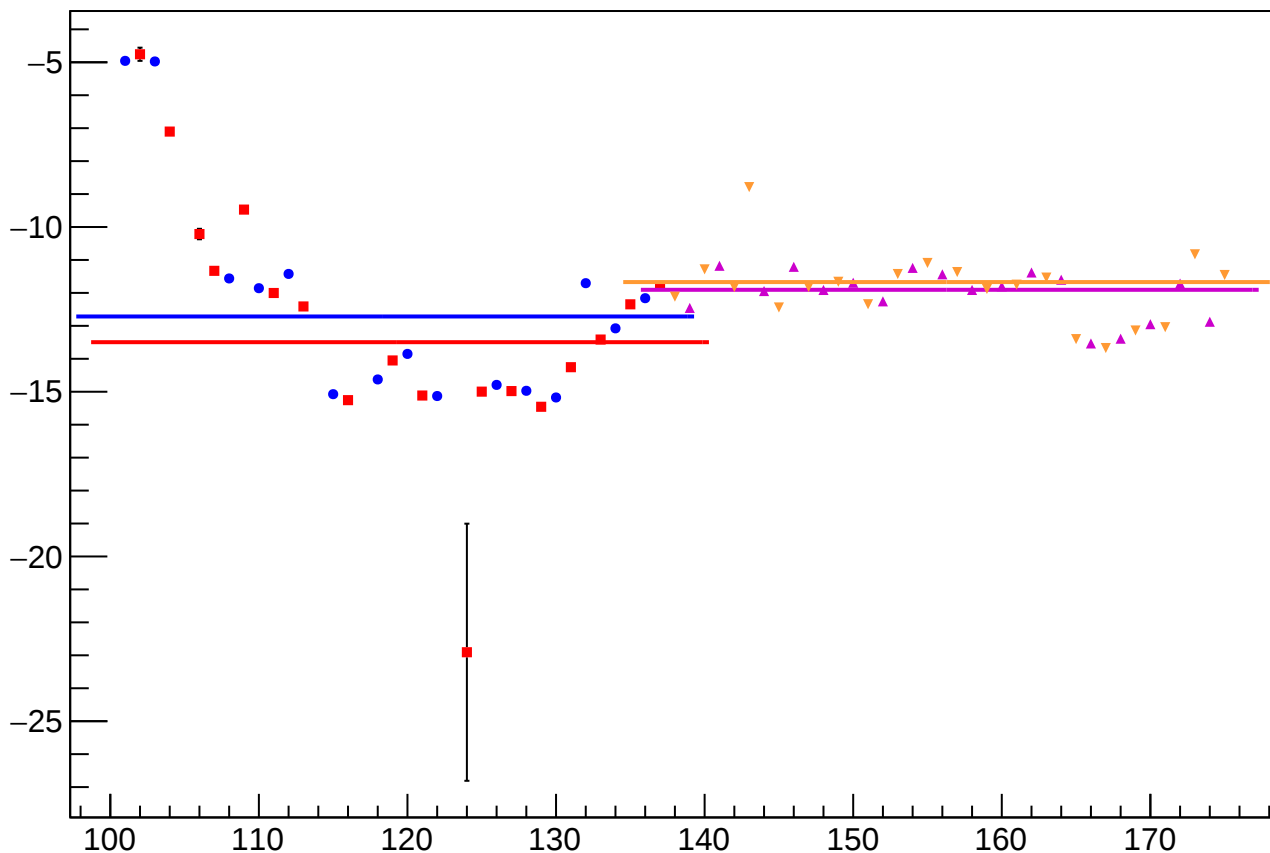
dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$
 Left Out: 6.359 ± 0.002 $\chi^2/\text{NDF}: 73263.7/19$
 Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$
 Left In: 6.168 ± 0.002 $\chi^2/\text{NDF}: 45250.1/17$

Left: 6.259 ± 0.001 $\chi^2/\text{NDF}: 125605.3/37$
 Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$
 In: 6.260 ± 0.001 $\chi^2/\text{NDF}: 148083.0/32$
 Out: 5.985 ± 0.000 $\chi^2/\text{NDF}: 296696.8/37$
 All: 6.003 ± 0.000 $\chi^2/\text{NDF}: 477446.0/70$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.671 ± 0.002 χ^2/NDF : 334128.1/19

Right Out: -13.496 ± 0.006 χ^2/NDF : 55753.8/17

Left In: -11.906 ± 0.002 χ^2/NDF : 63449.4/17

Left: -11.792 ± 0.002 χ^2/NDF : 403274.7/37

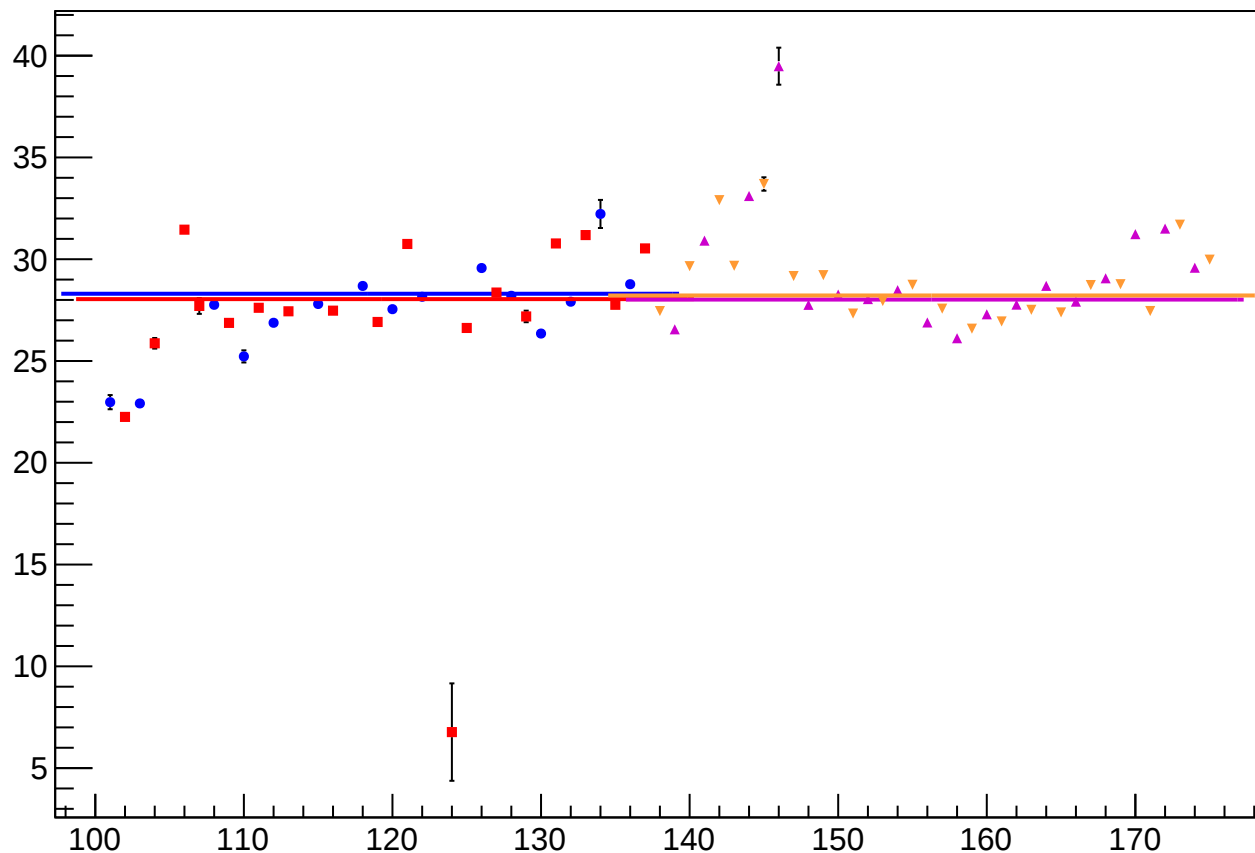
Right: -13.142 ± 0.004 χ^2/NDF : 149153.5/32

In: -11.990 ± 0.002 χ^2/NDF : 163094.7/32

Out: -11.905 ± 0.002 χ^2/NDF : 475837.0/37

All: -11.948 ± 0.001 χ^2/NDF : 639776.8/70

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.219 $\pm$ 0.019 χ^2 /NDF: 5859.0/19

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.018 $\pm$ 0.016 χ^2 /NDF: 7786.5/17

Left: 28.101 $\pm$ 0.012 χ^2 /NDF: 13713.3/37

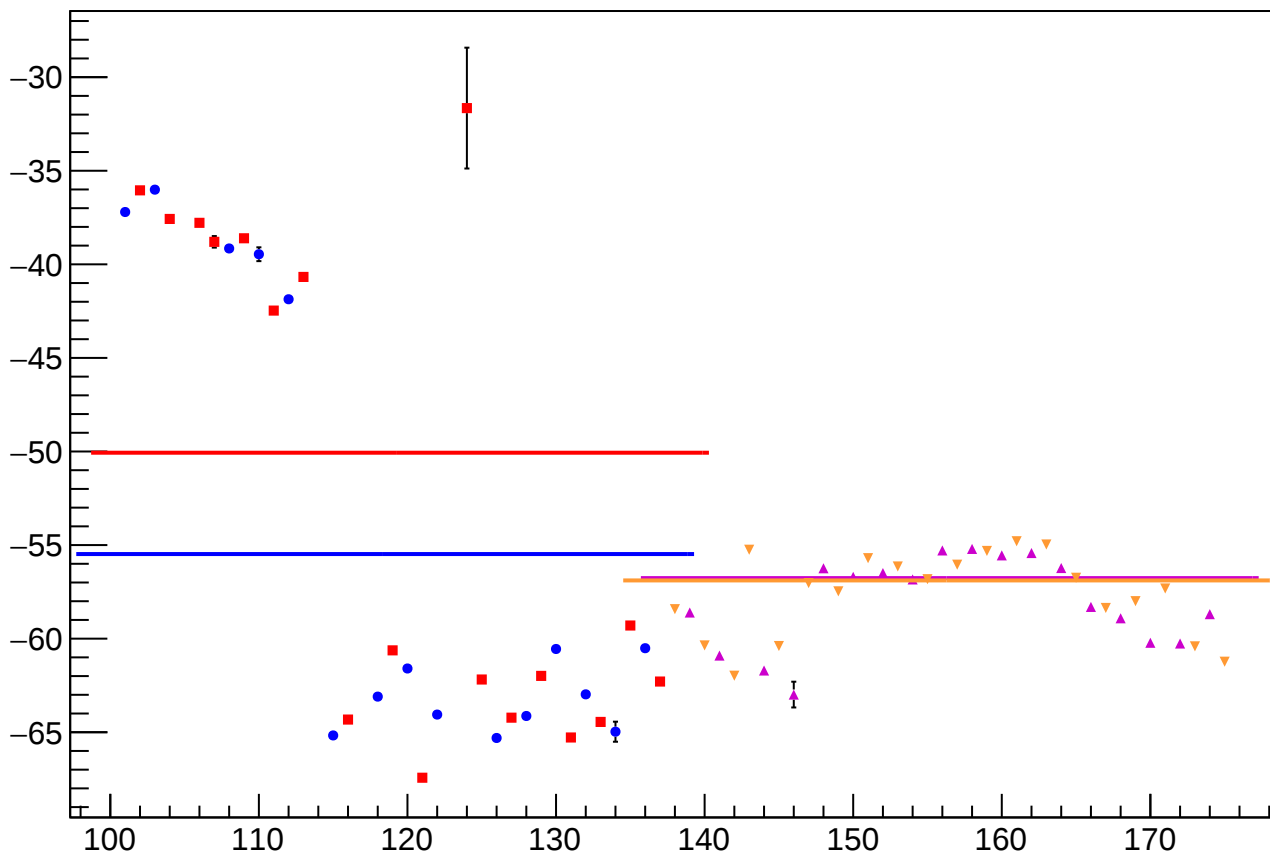
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.108 $\pm$ 0.013 χ^2 /NDF: 11291.7/32

Out: 28.169 $\pm$ 0.016 χ^2 /NDF: 8445.8/37

All: 28.133 $\pm$ 0.010 χ^2 /NDF: 19746.3/70

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.889 $\pm$ 0.016 χ^2 /NDF:15891.6/19

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -56.765 $\pm$ 0.013 χ^2 /NDF:13680.2/17

Left: -56.818 $\pm$ 0.010 χ^2 /NDF: 29608.3/37

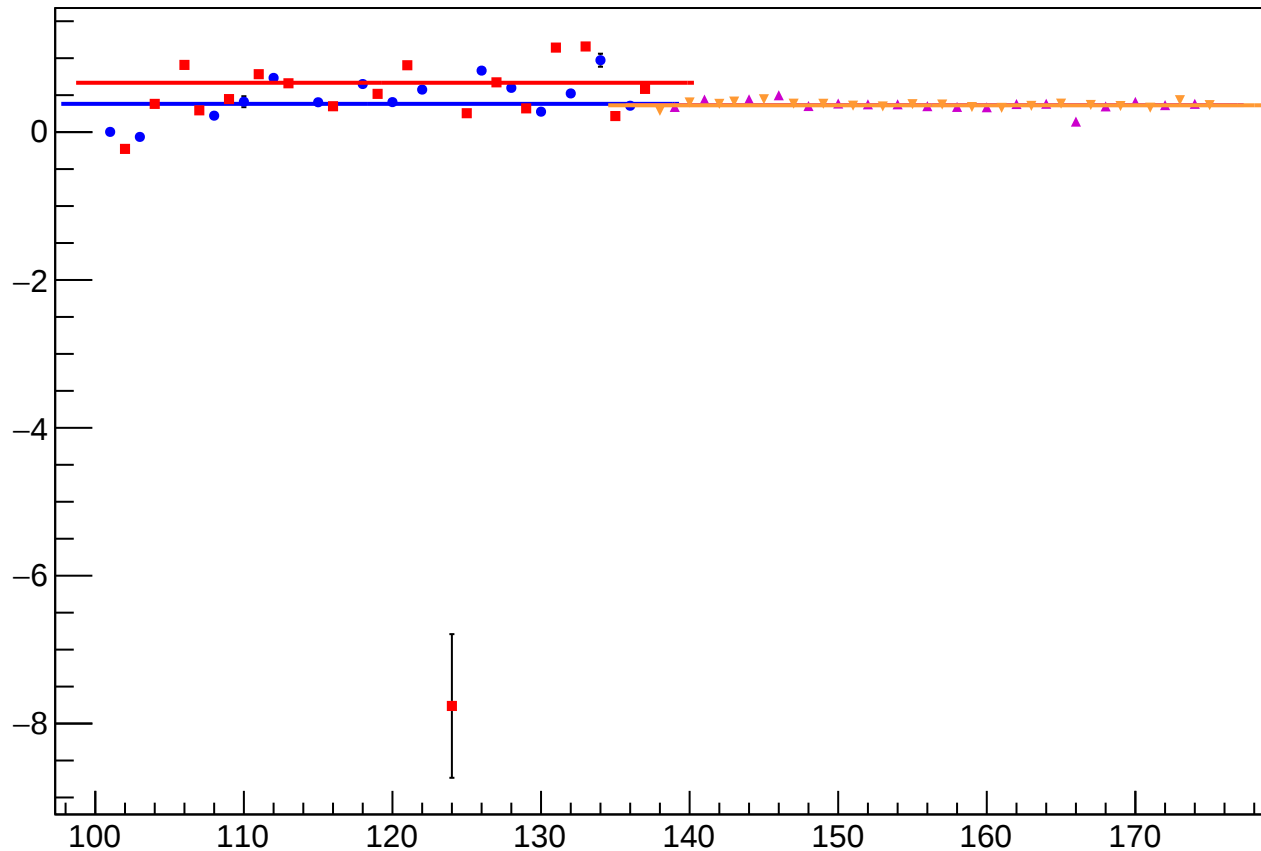
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.260 $\pm$ 0.010 χ^2 /NDF:612476.2/32

Out: -54.763 $\pm$ 0.013 χ^2 /NDF:415936.7/37

All: -55.672 $\pm$ 0.008 χ^2 /NDF: 1036577.1/70

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.363 $\pm$ 0.000 χ^2 /NDF: 7732.1/19

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.366 $\pm$ 0.000 χ^2 /NDF: 5800.7/17

Left: 0.365 $\pm$ 0.000 χ^2 /NDF: 13581.0/37

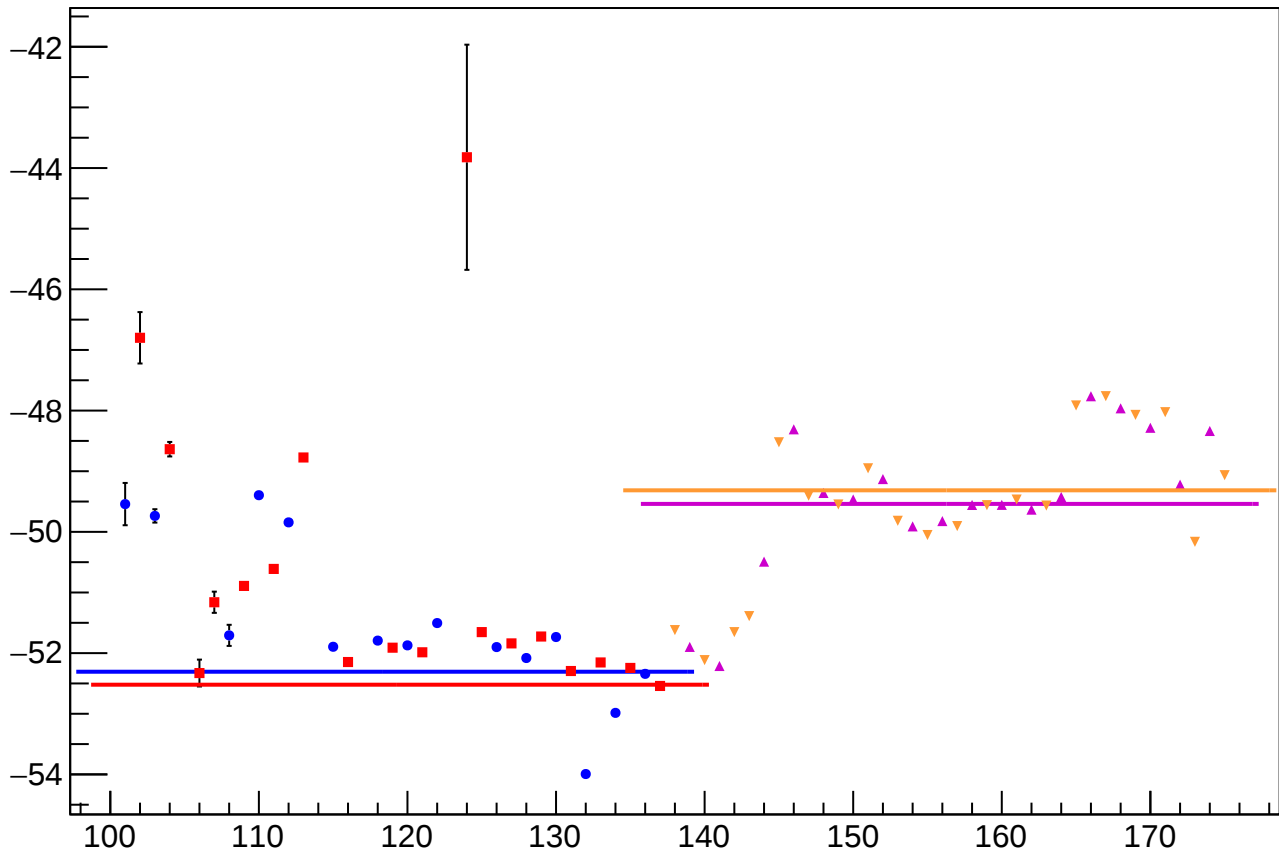
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.367 $\pm$ 0.000 χ^2 /NDF: 10490.7/32

Out: 0.365 $\pm$ 0.000 χ^2 /NDF: 15785.4/37

All: 0.366 $\pm$ 0.000 χ^2 /NDF: 26300.1/70

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.315 $\pm$ 0.001 χ^2 /NDF: 501403.6/19

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.539 $\pm$ 0.001 χ^2 /NDF: 414775.3/17

Left: -49.426 $\pm$ 0.001 χ^2 /NDF: 928159.8/37

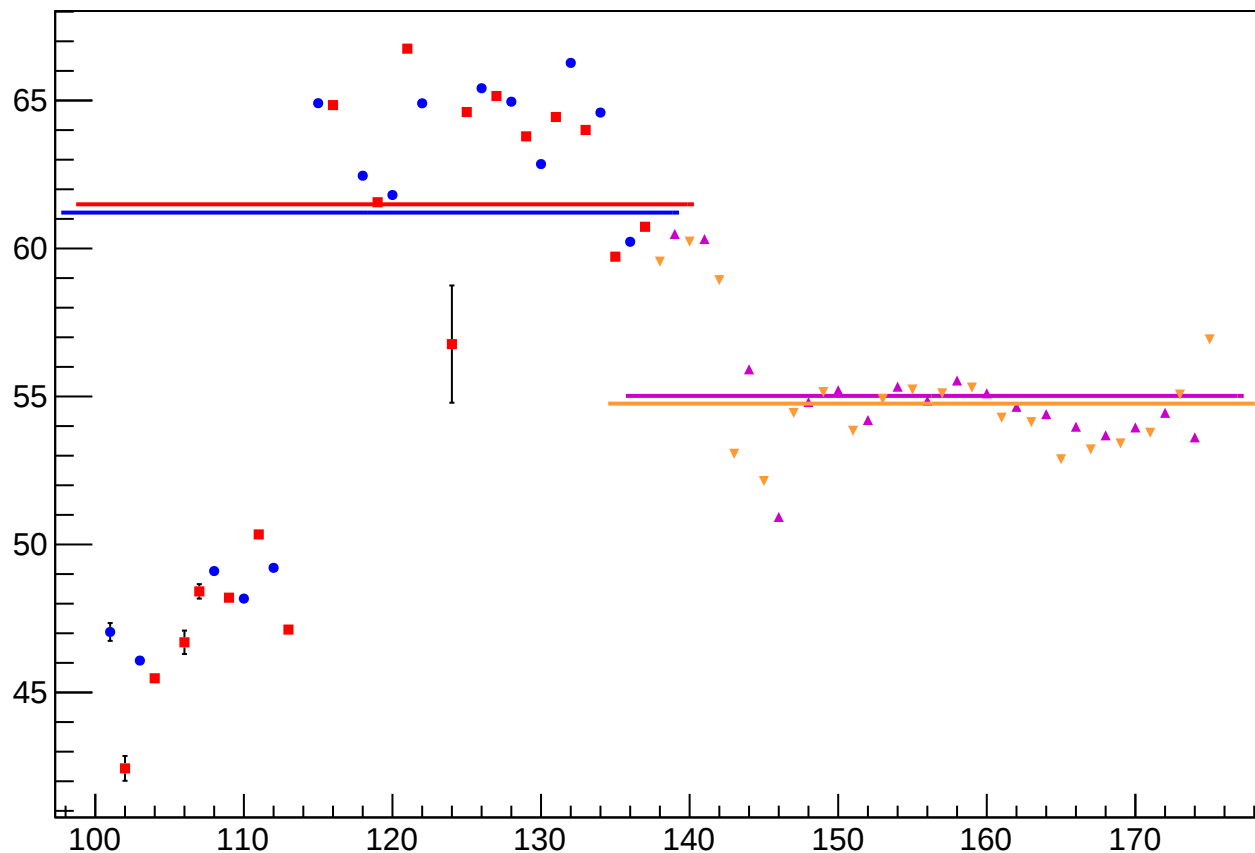
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.879 $\pm$ 0.001 χ^2 /NDF: 886327.9/32

Out: -51.336 $\pm$ 0.001 χ^2 /NDF: 3636945.2/37

All: -50.909 $\pm$ 0.001 χ^2 /NDF: 5333831.7/70

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.758 ± 0.003 $\chi^2/\text{NDF}: 249006.0/19$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.020 ± 0.003 $\chi^2/\text{NDF}: 81474.2/17$

Left: 54.903 ± 0.002 $\chi^2/\text{NDF}: 334165.0/37$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.504 ± 0.003 $\chi^2/\text{NDF}: 596833.7/32$

Out: 56.006 ± 0.003 $\chi^2/\text{NDF}: 1311481.6/37$

All: 55.745 ± 0.002 $\chi^2/\text{NDF}: 1924027.0/70$

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

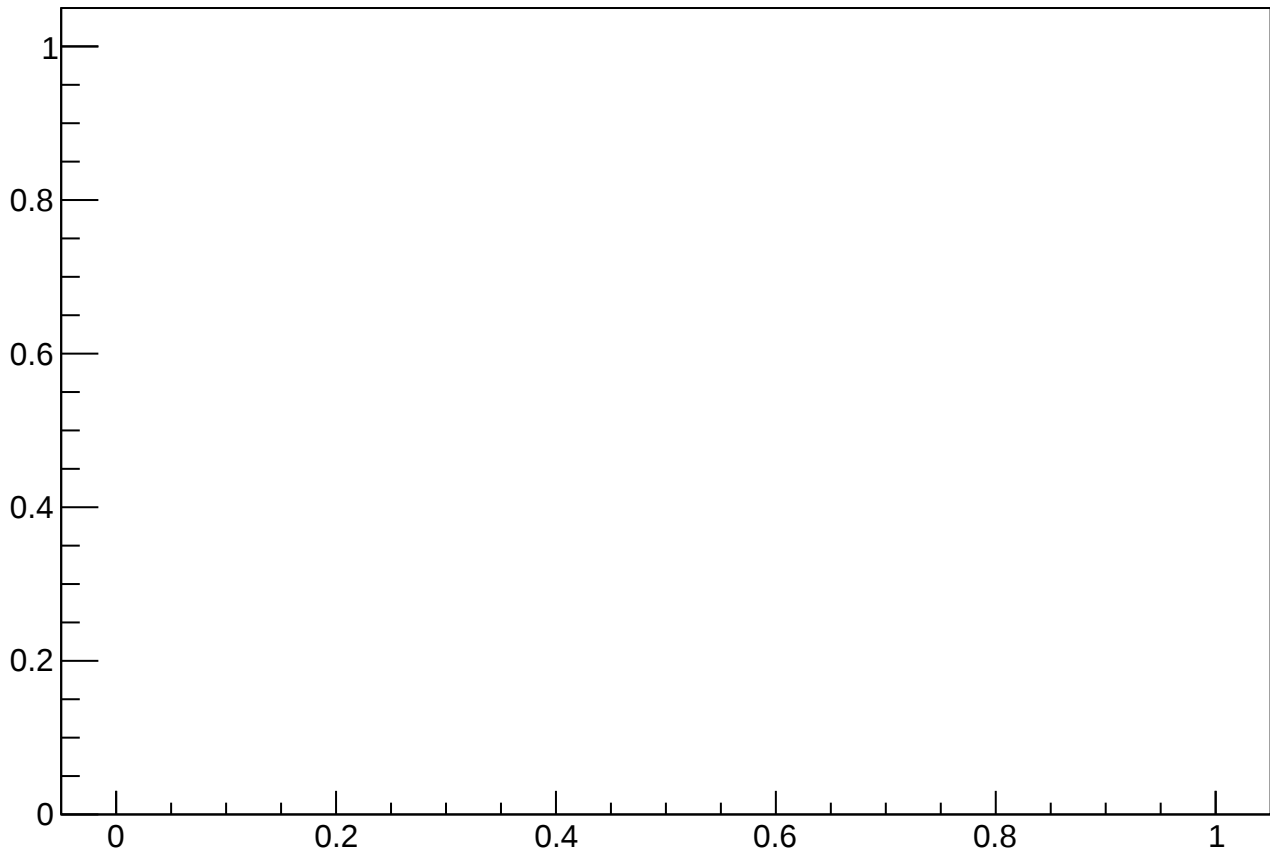
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

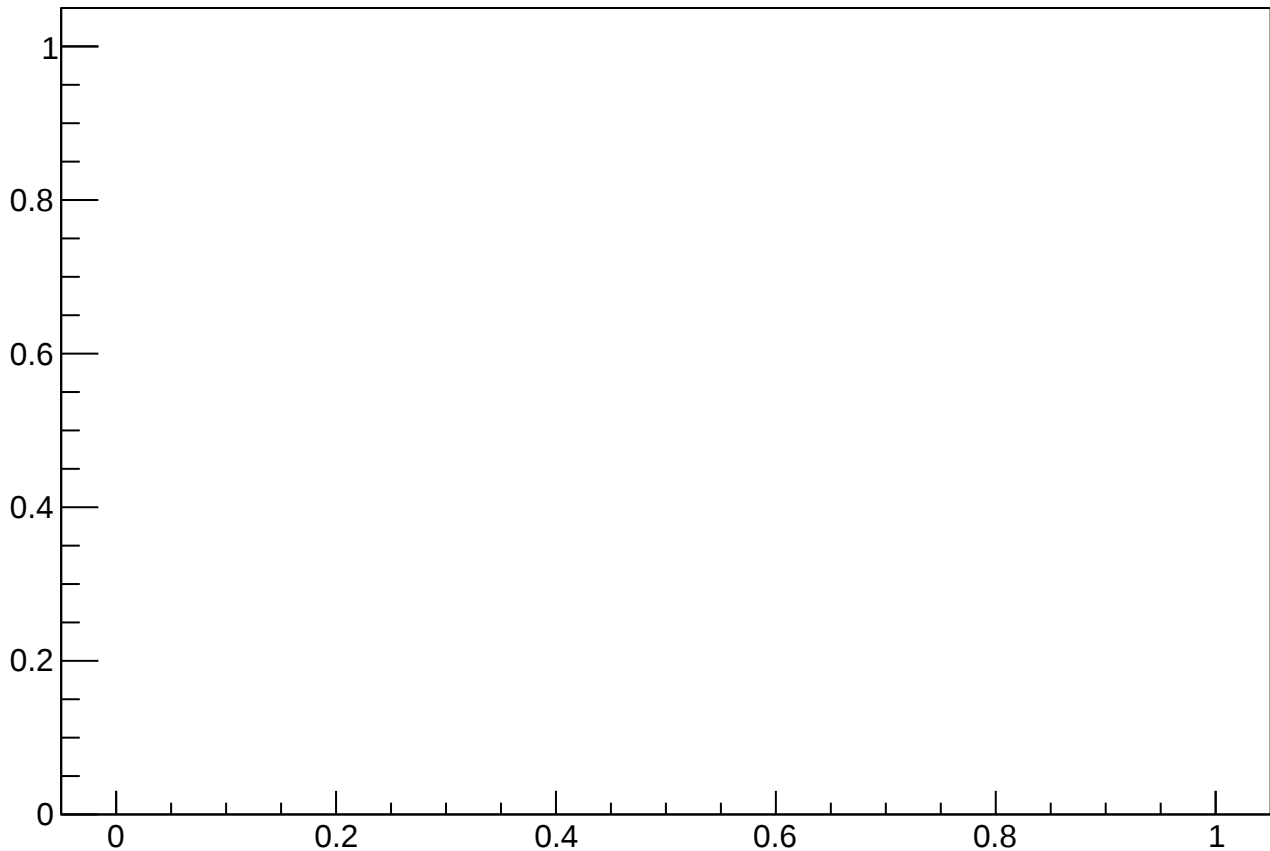
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

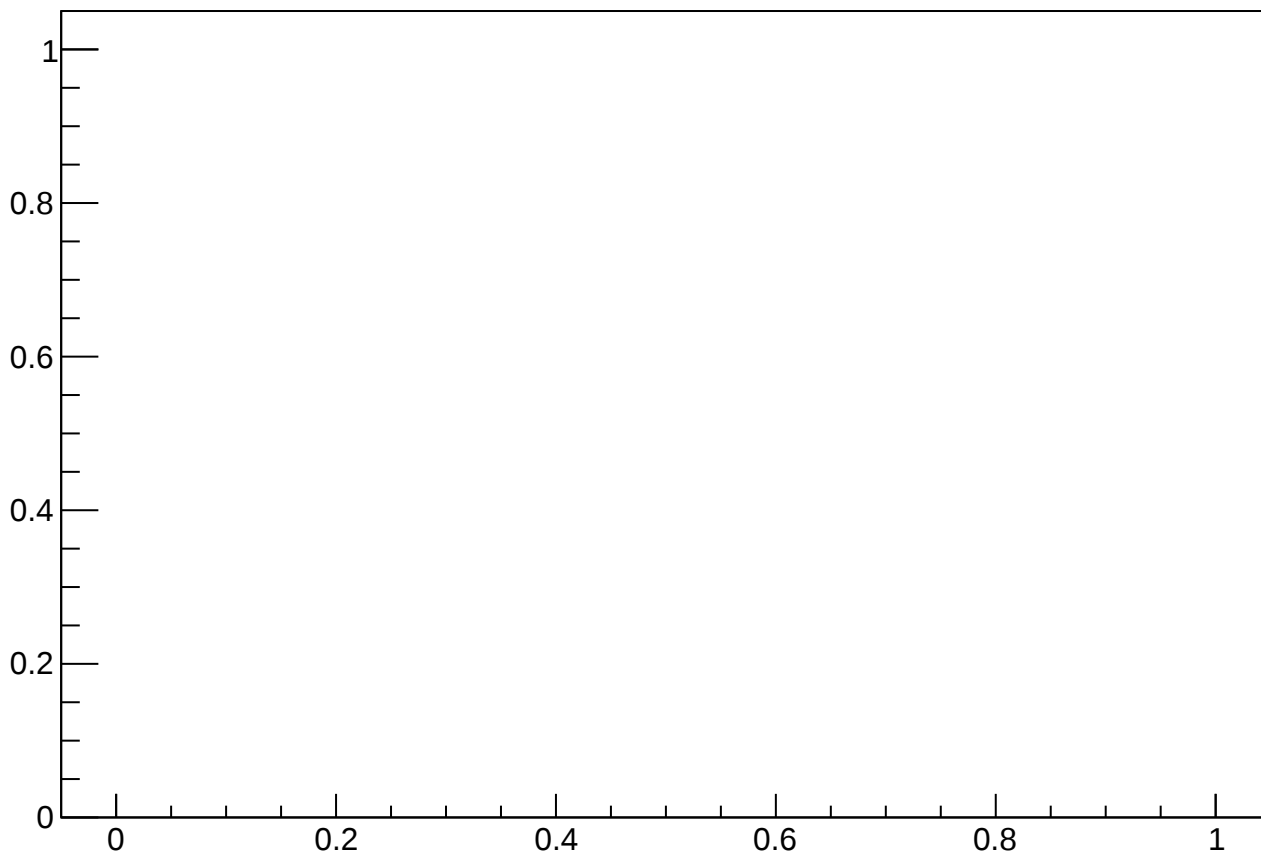
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

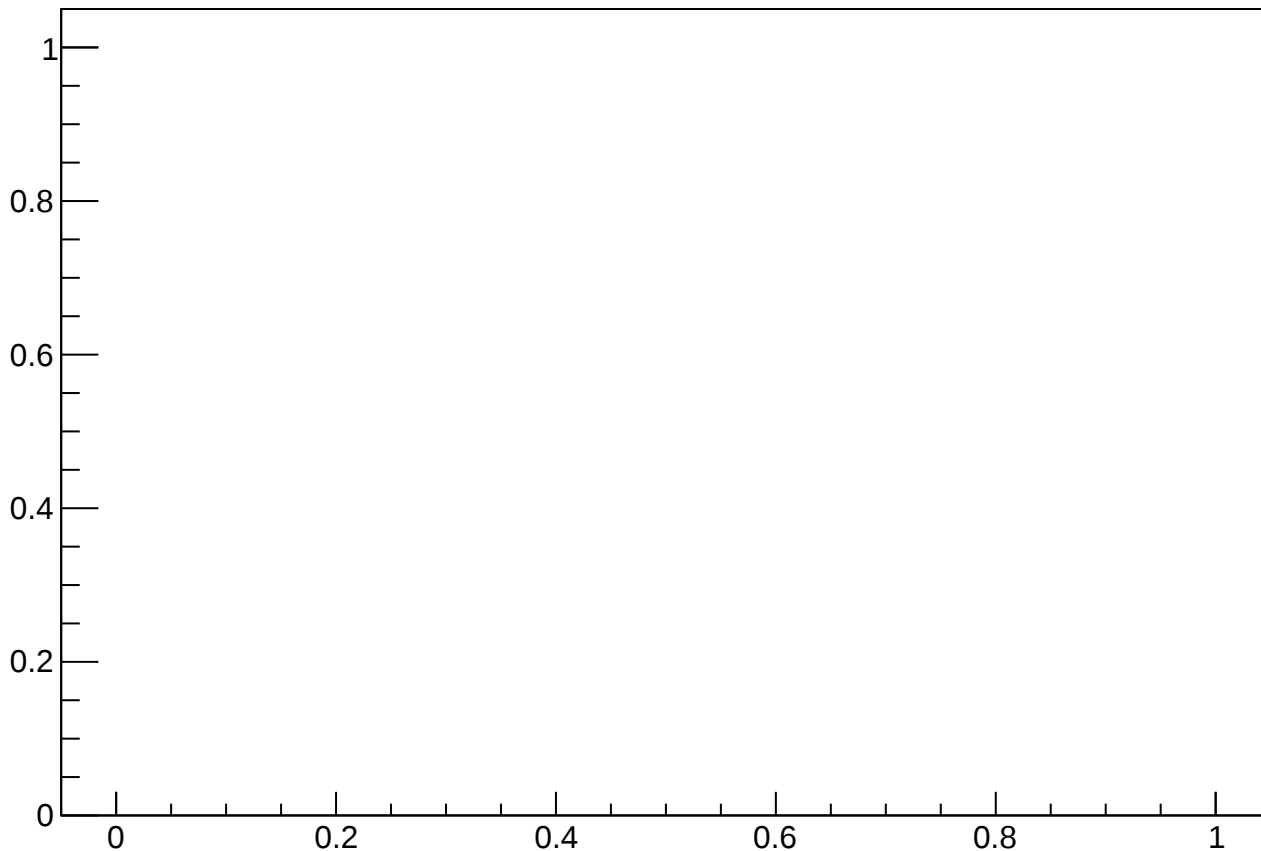
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

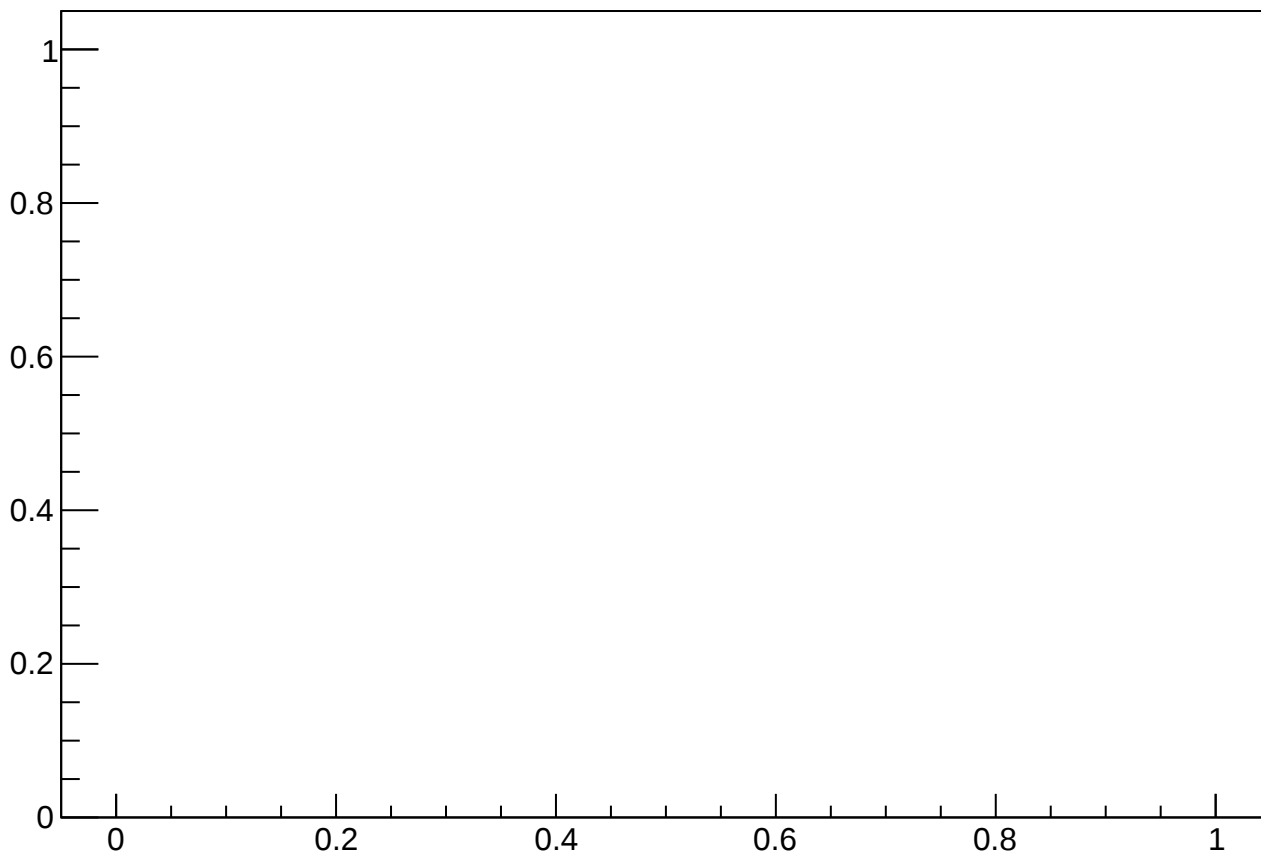
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

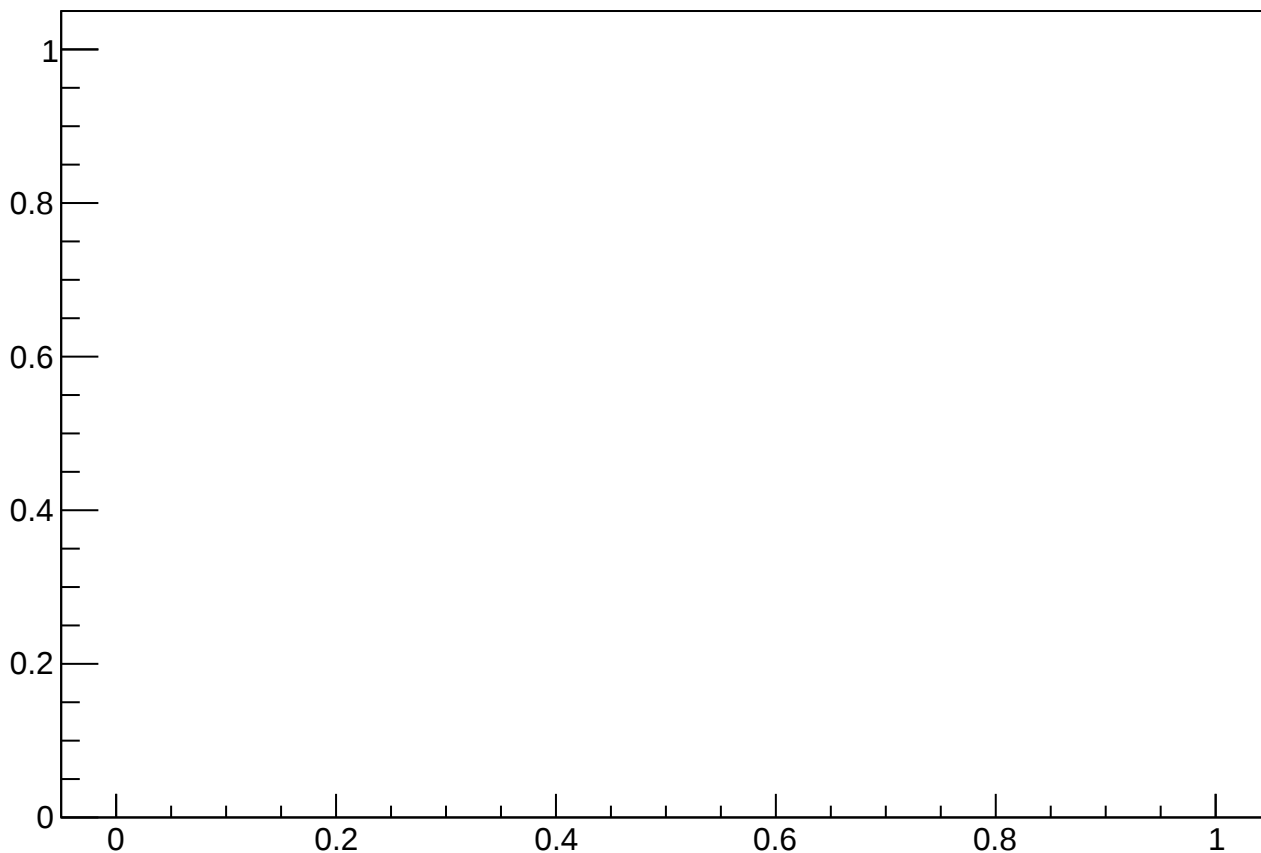
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

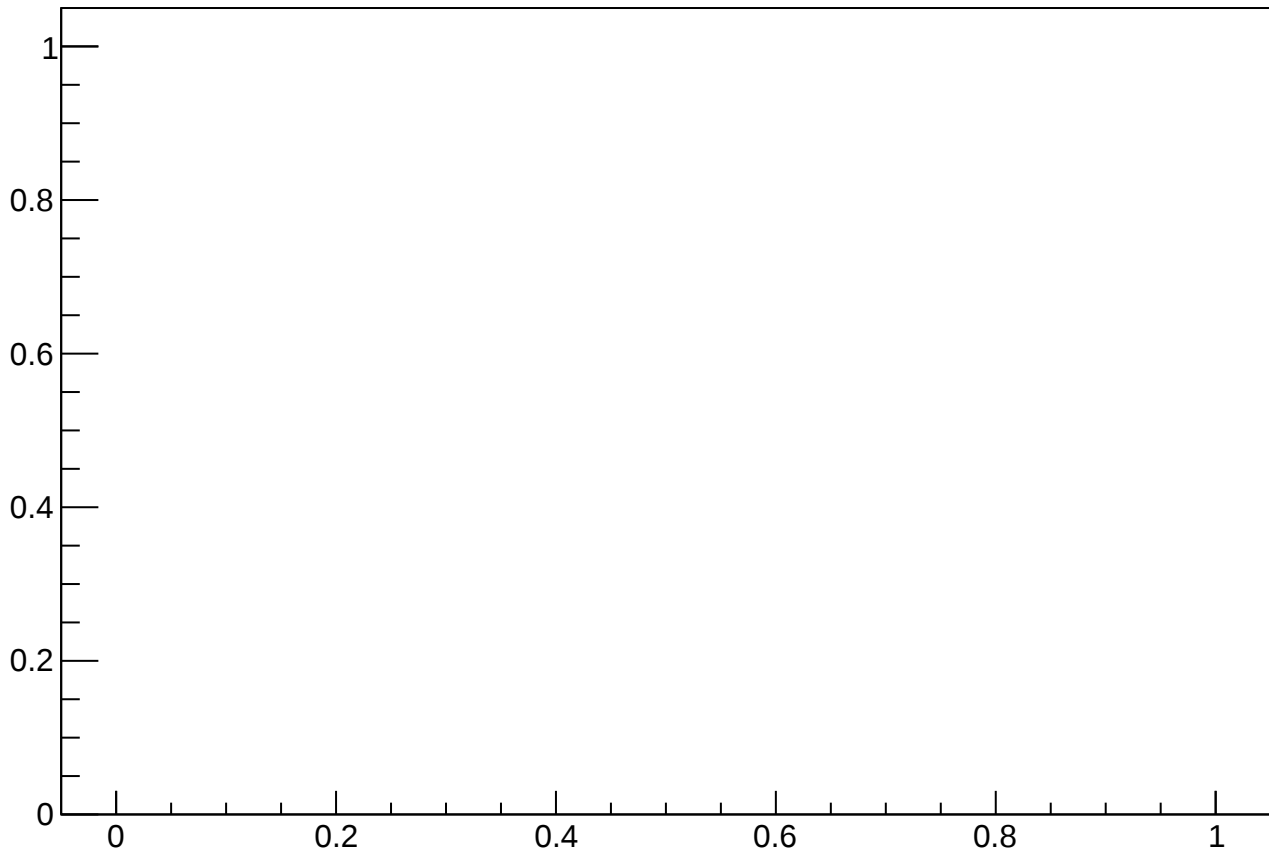
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

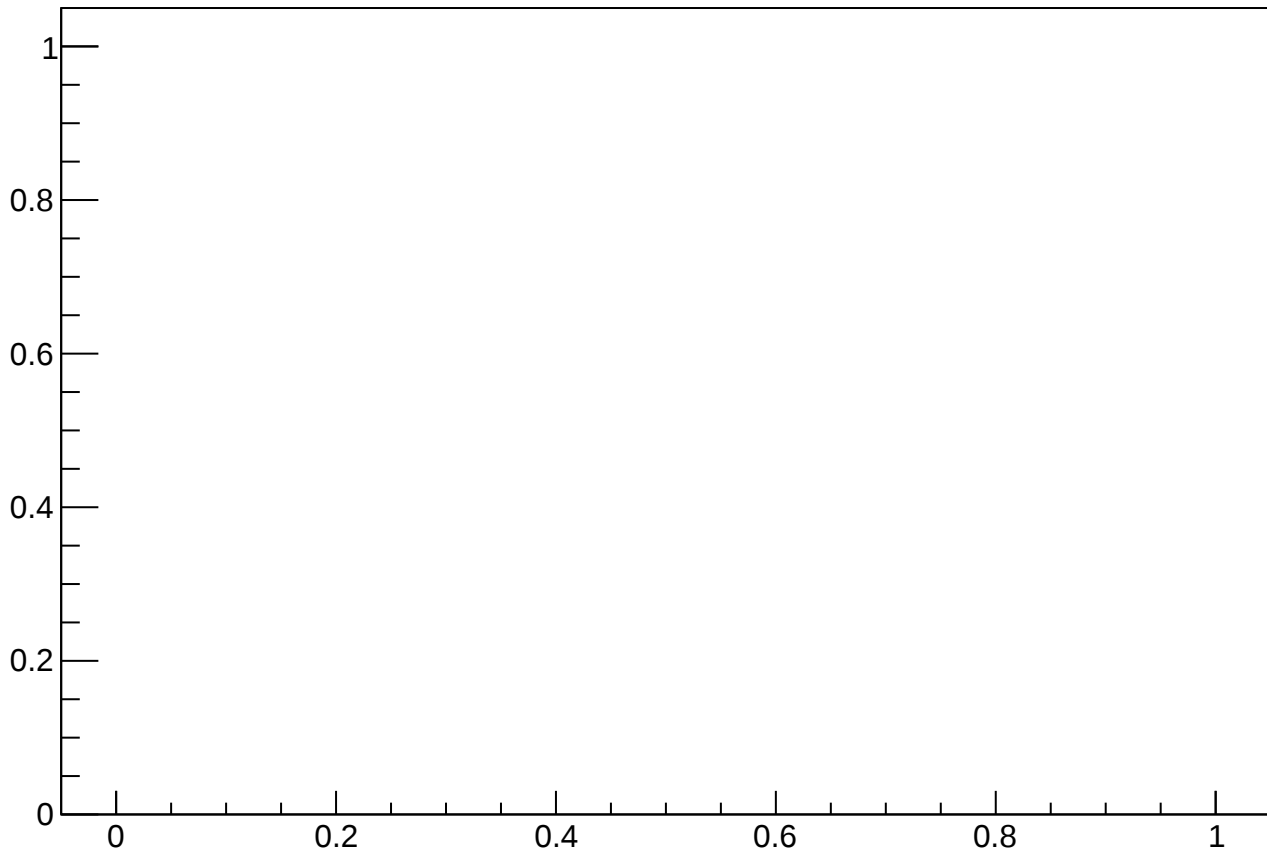
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

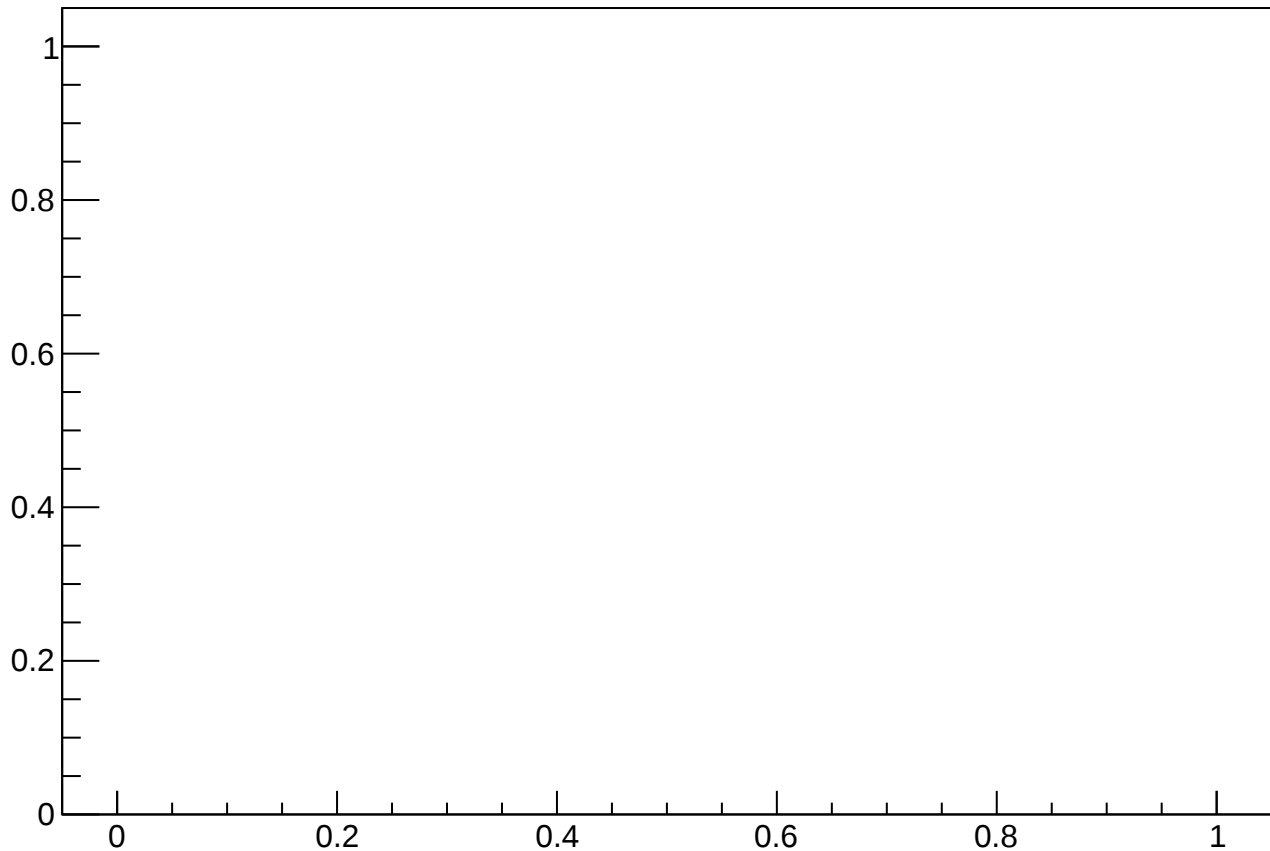
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

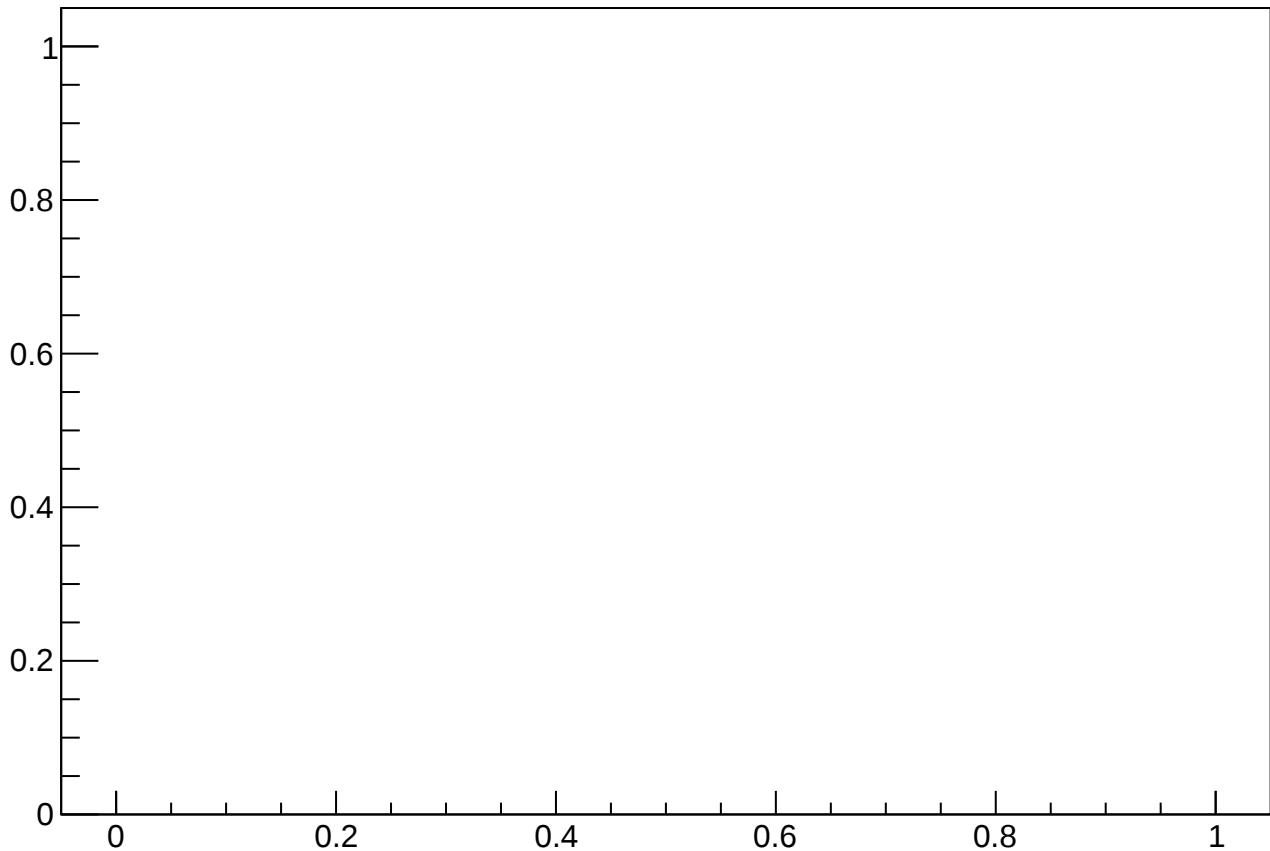
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

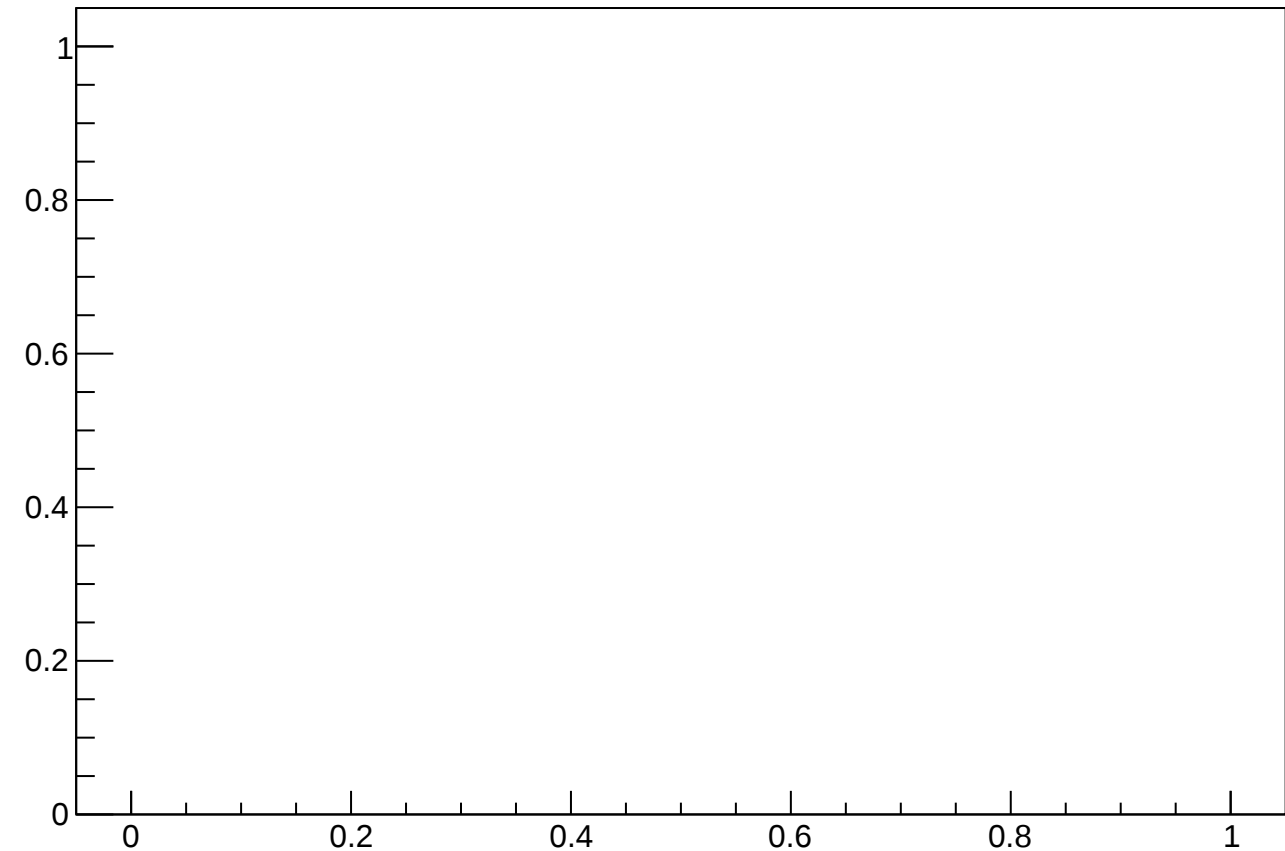
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

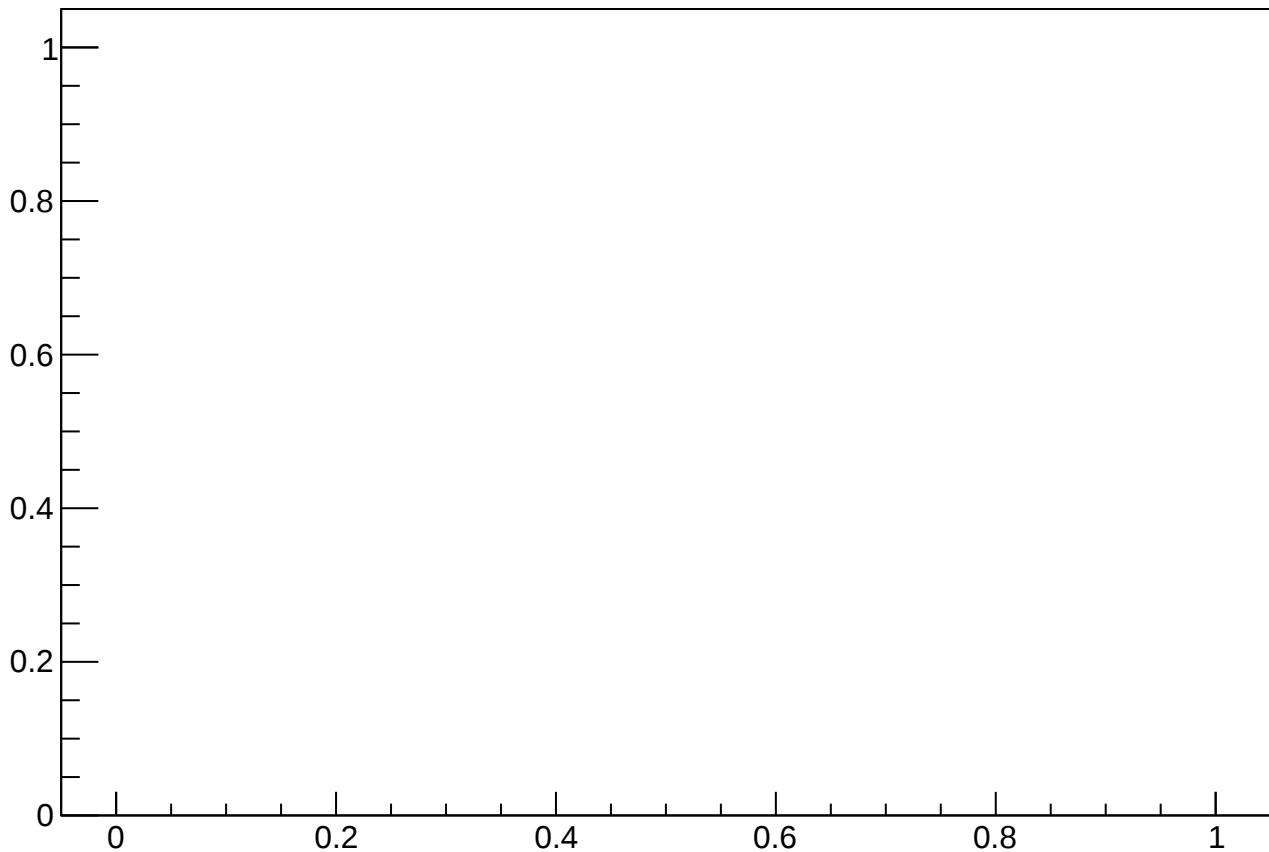
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

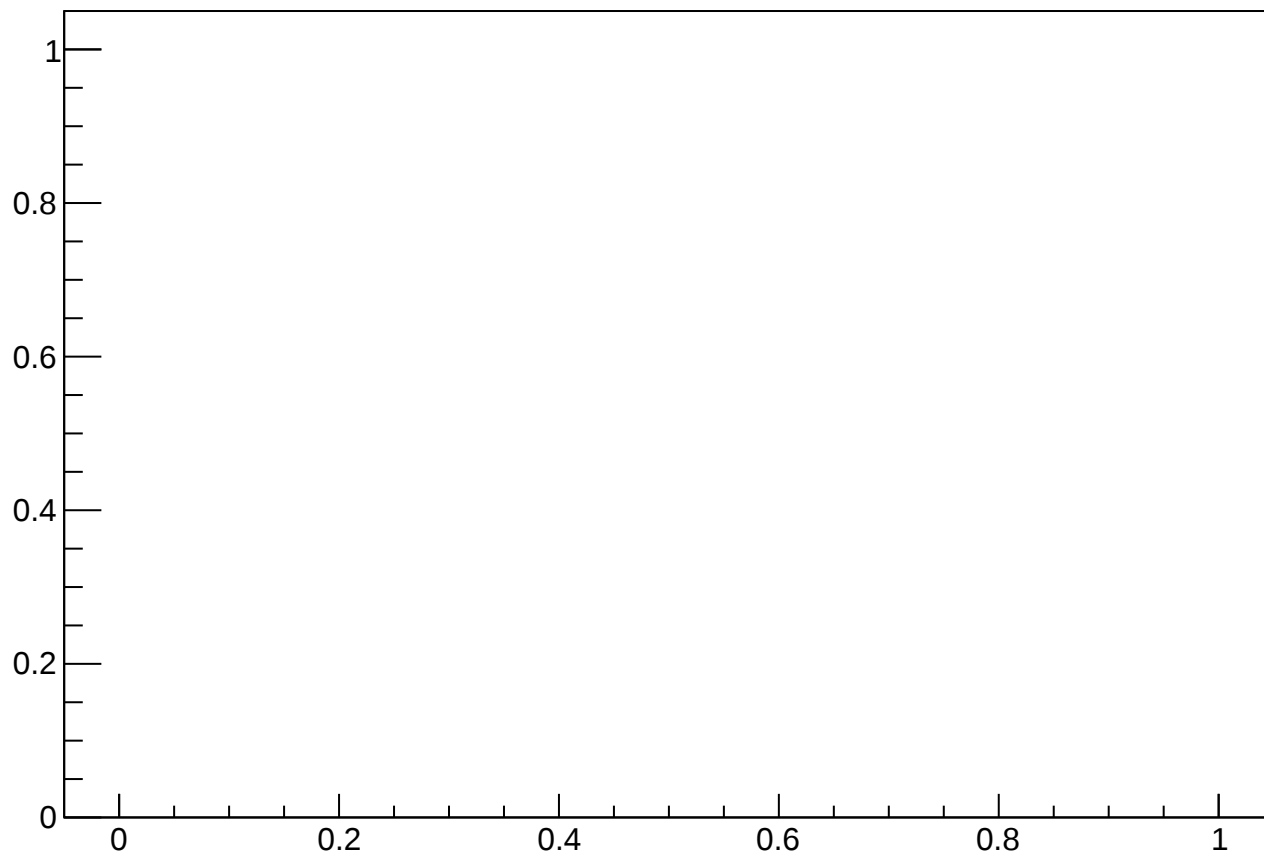
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

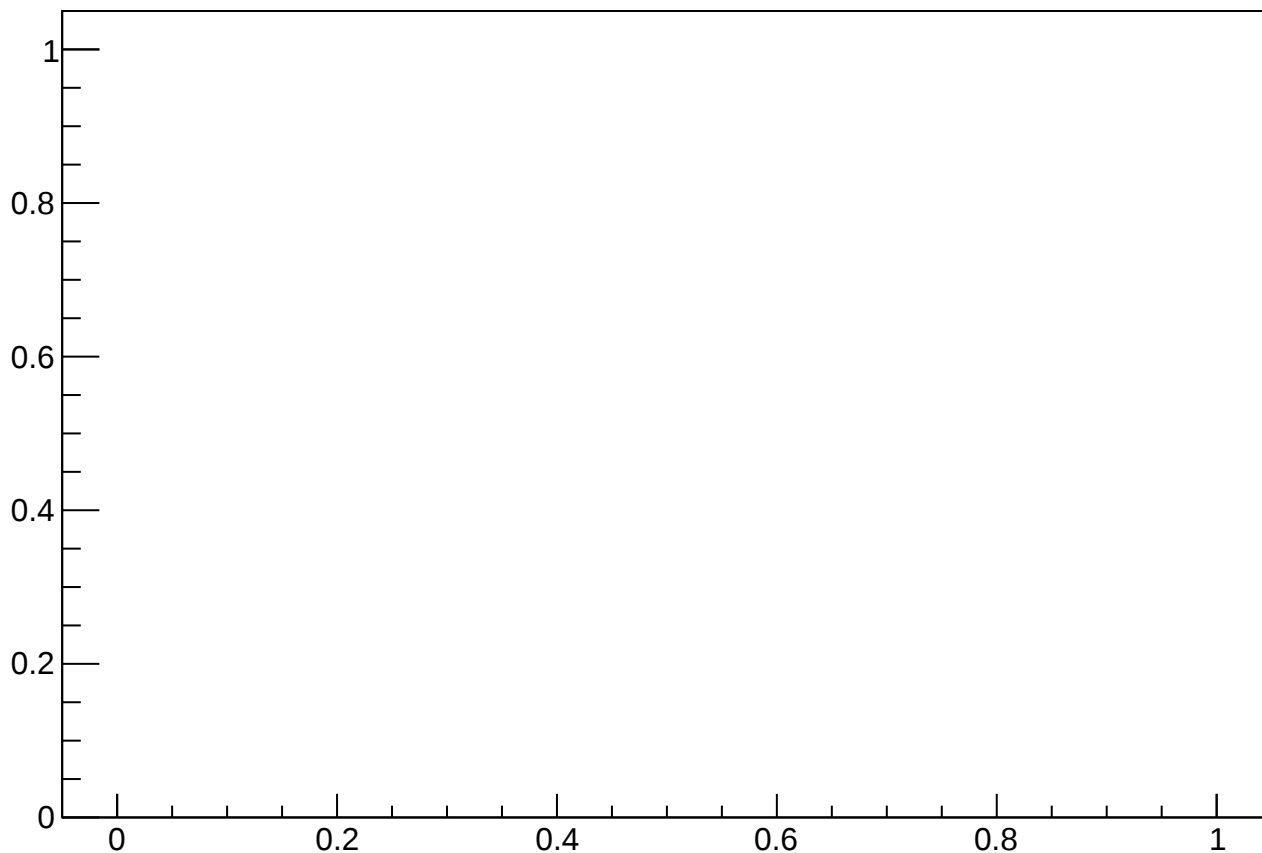
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

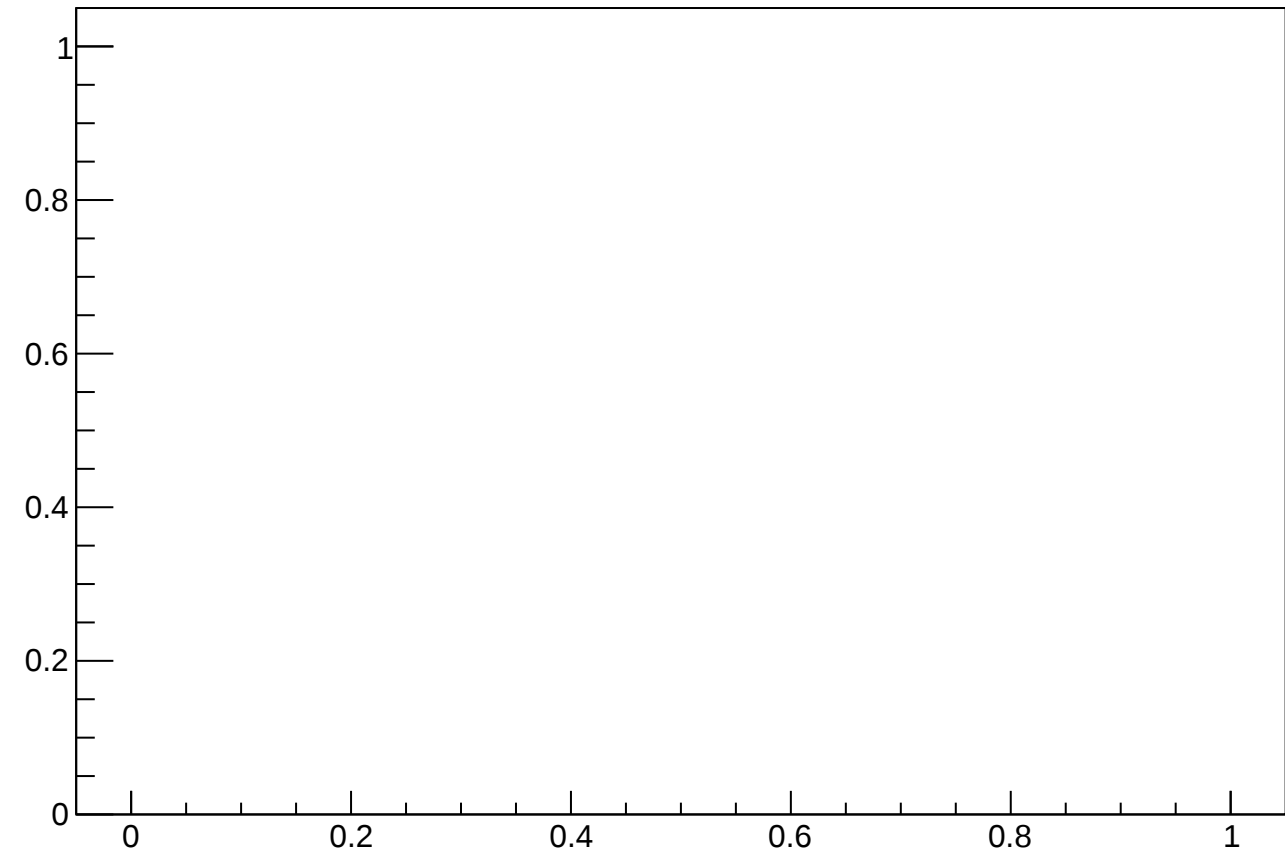
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

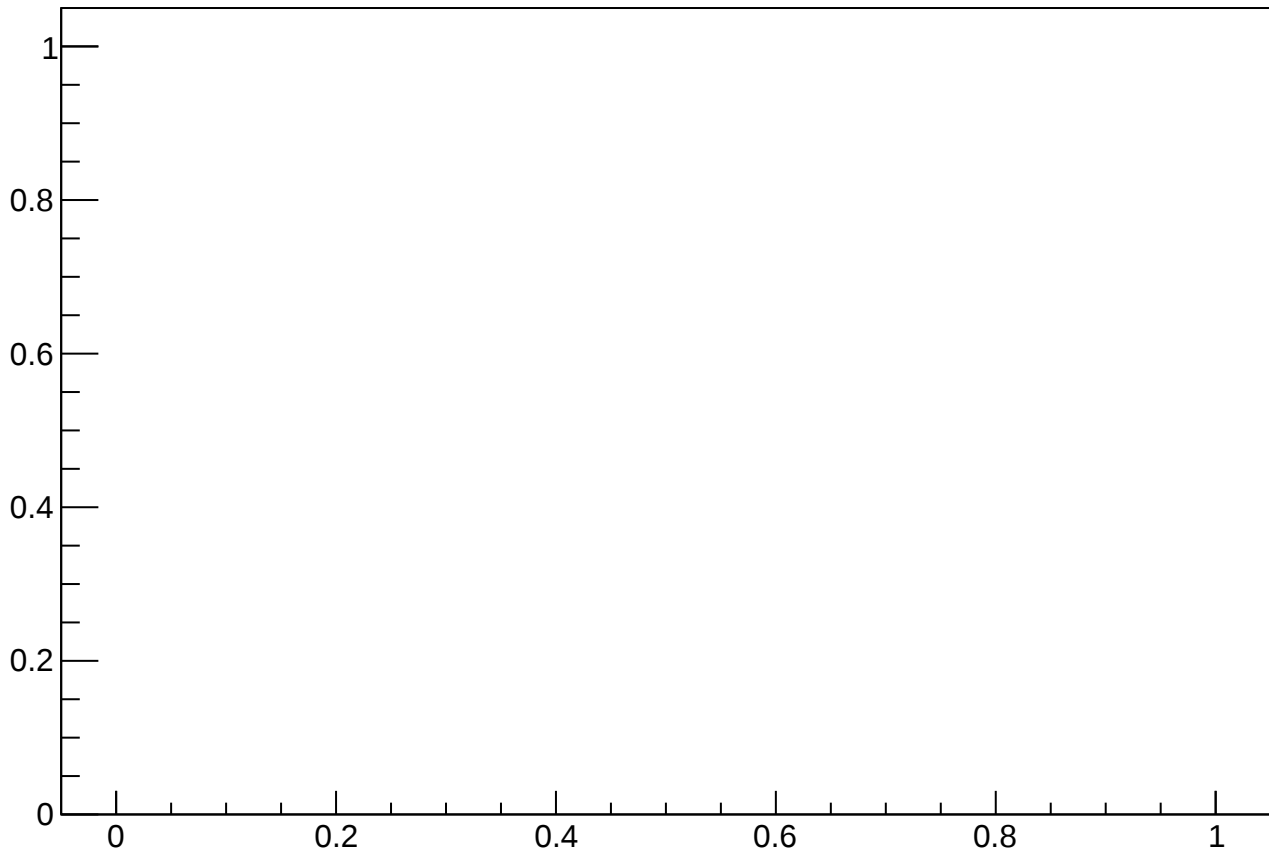
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

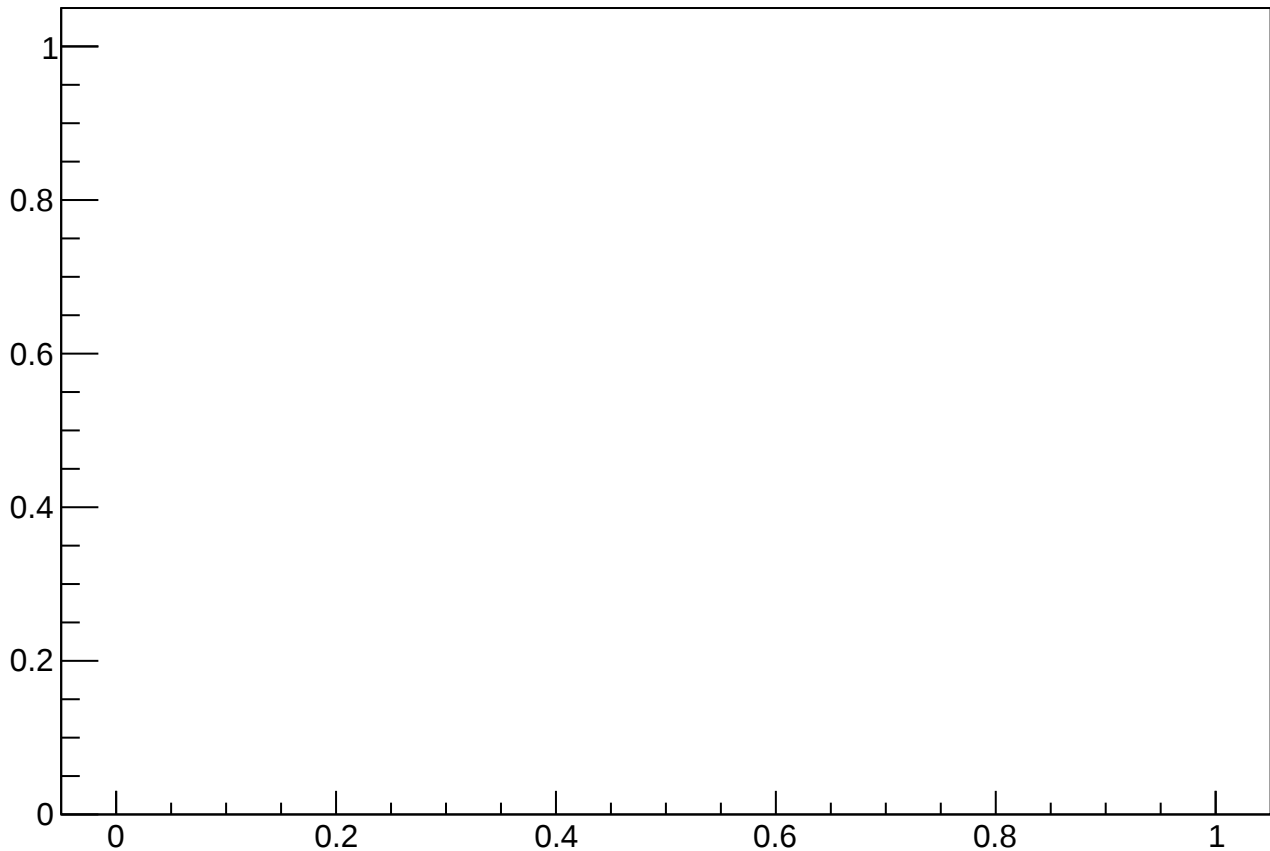
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

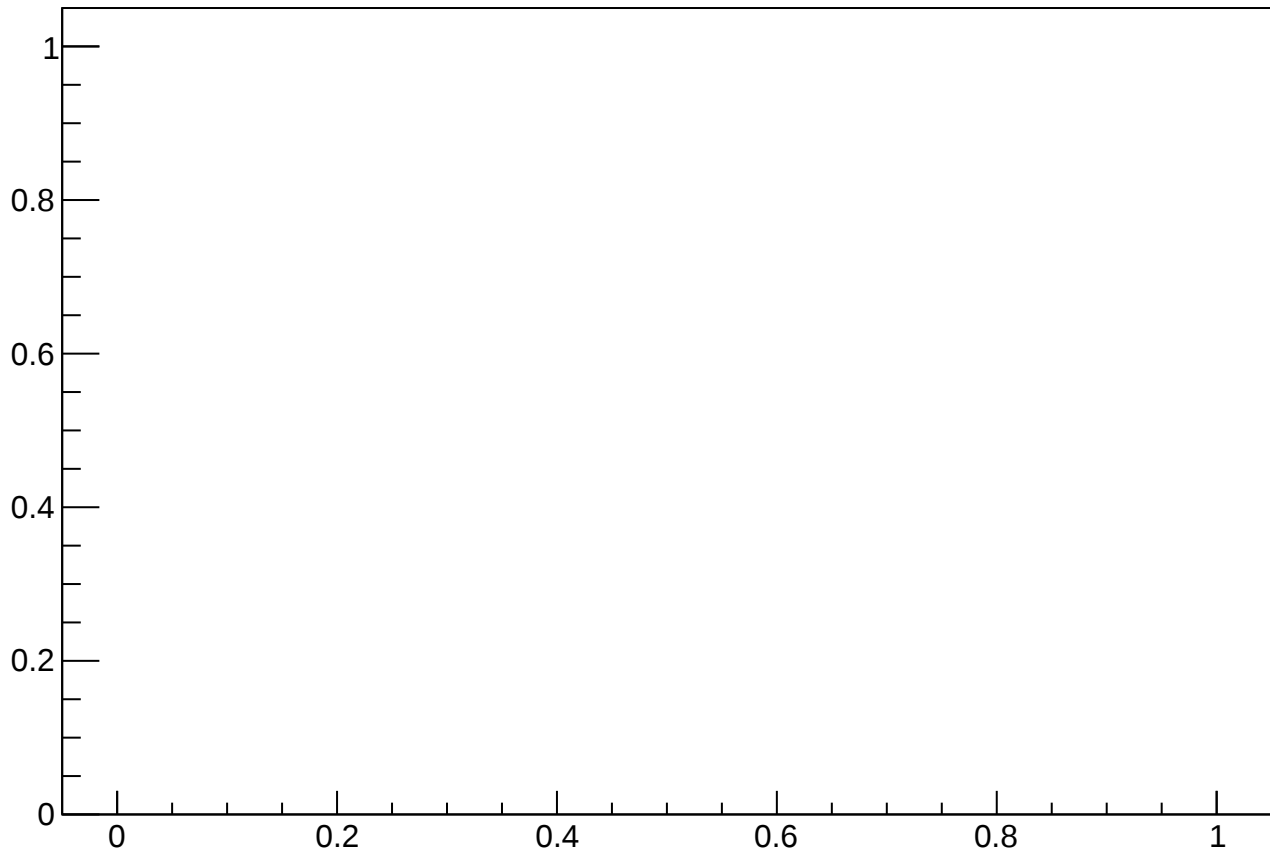
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

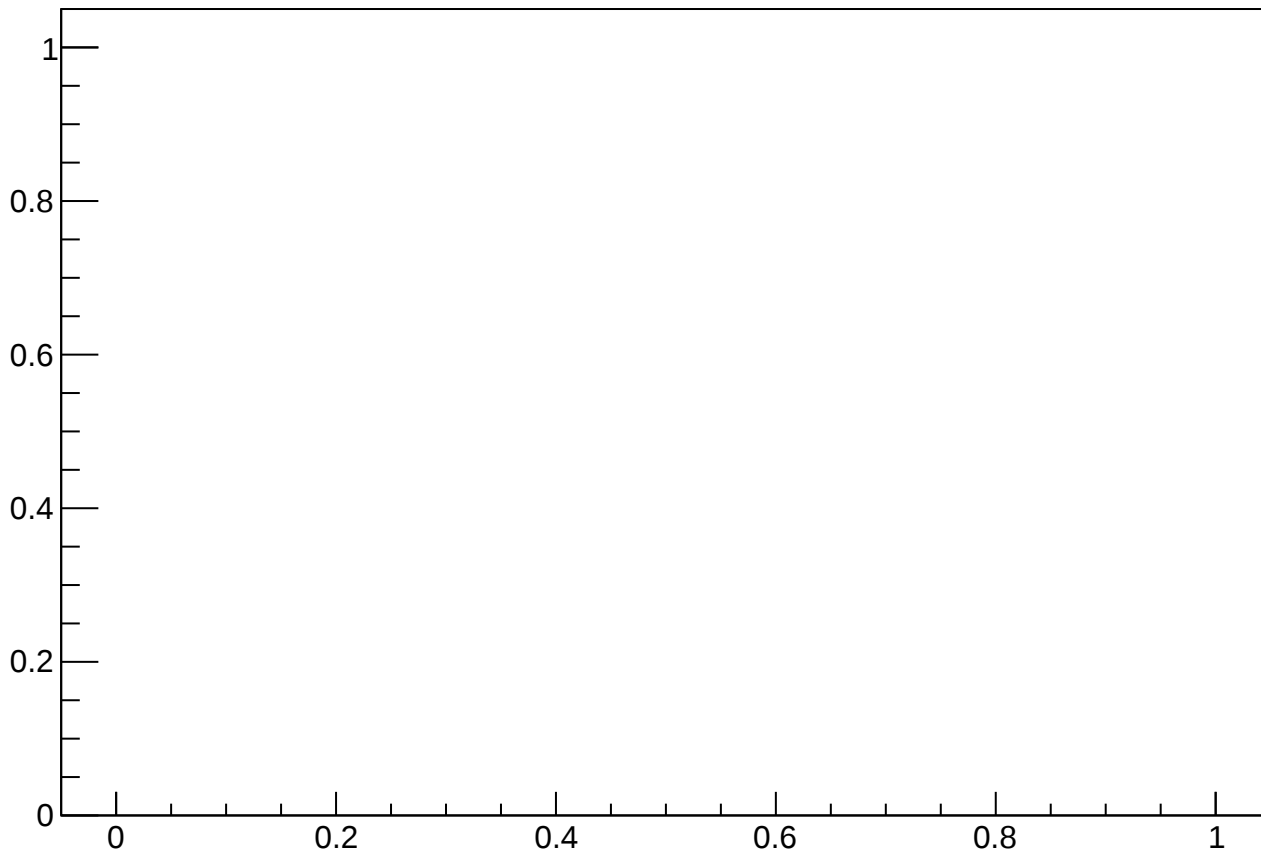
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

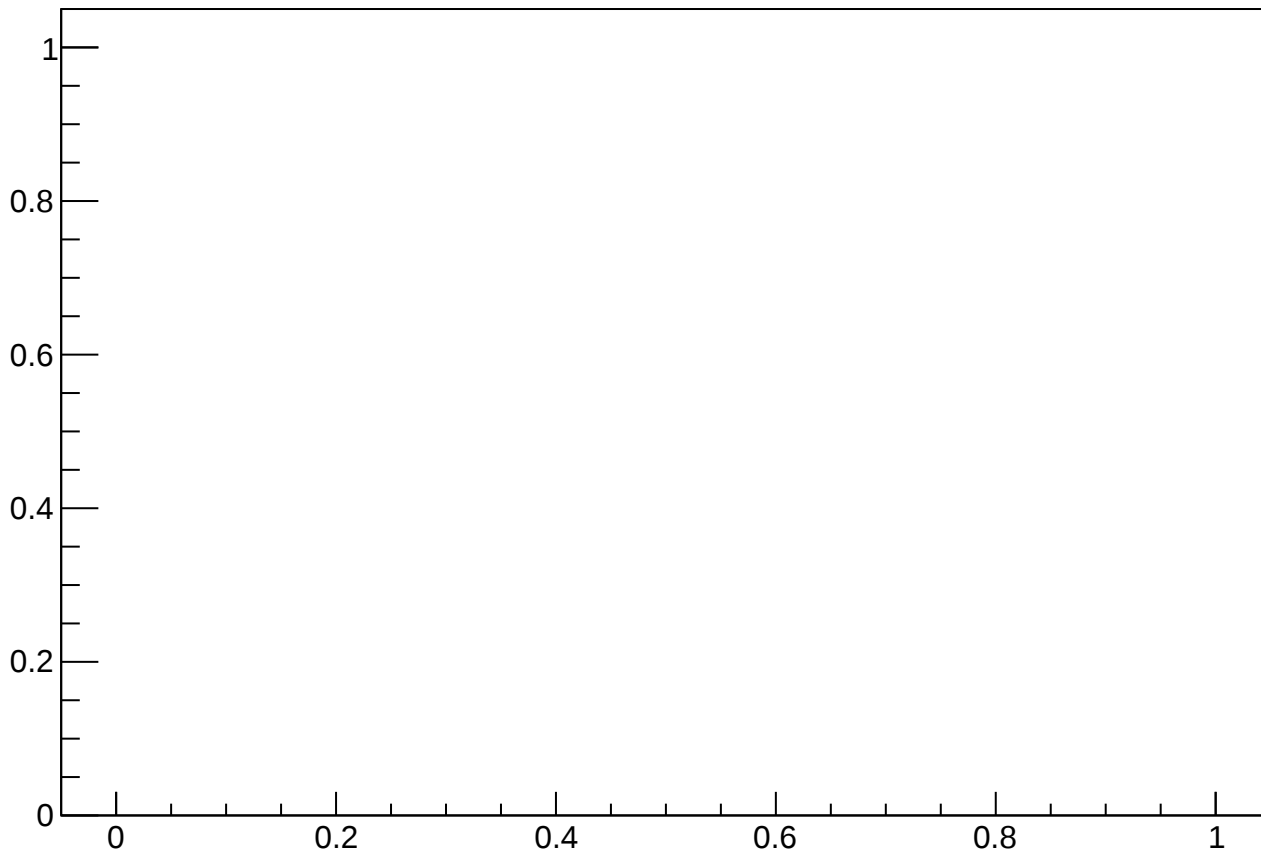
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

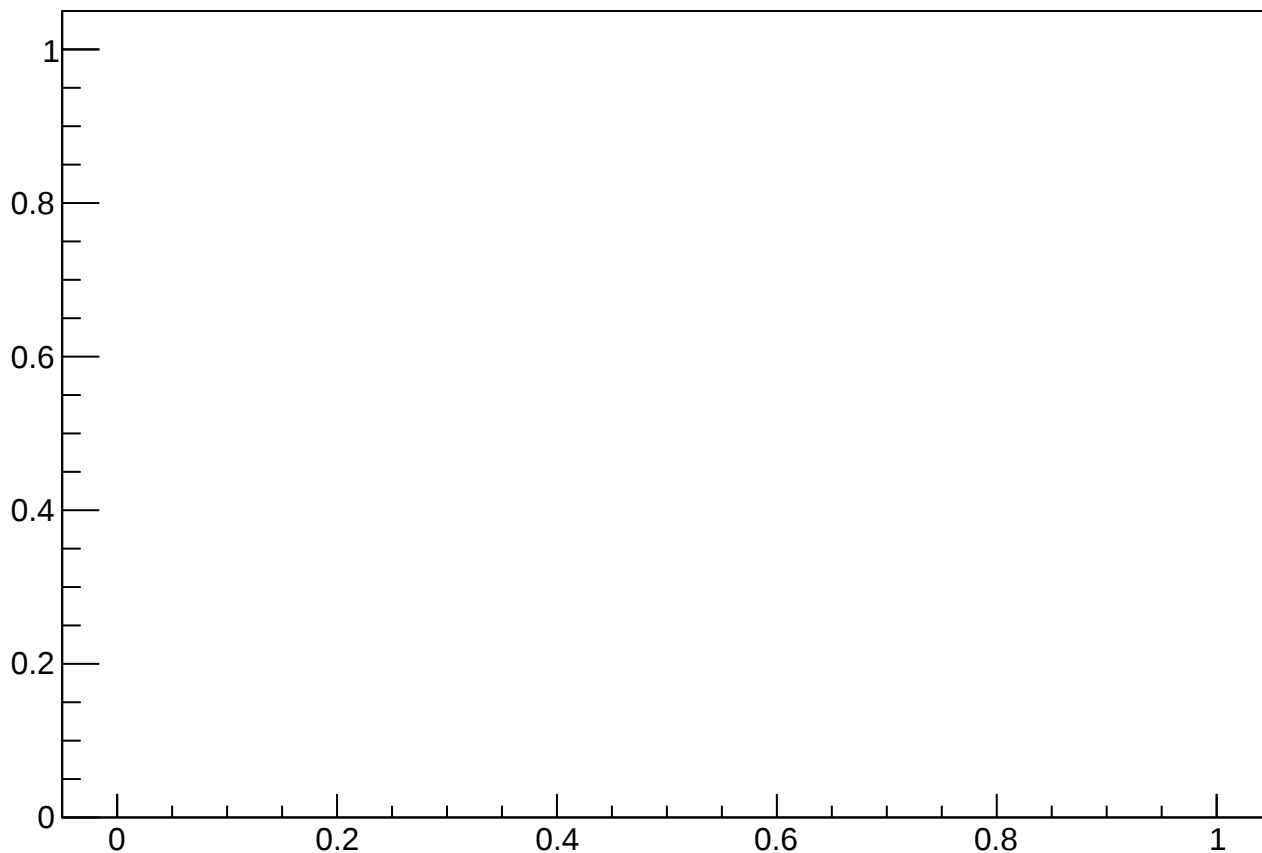
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

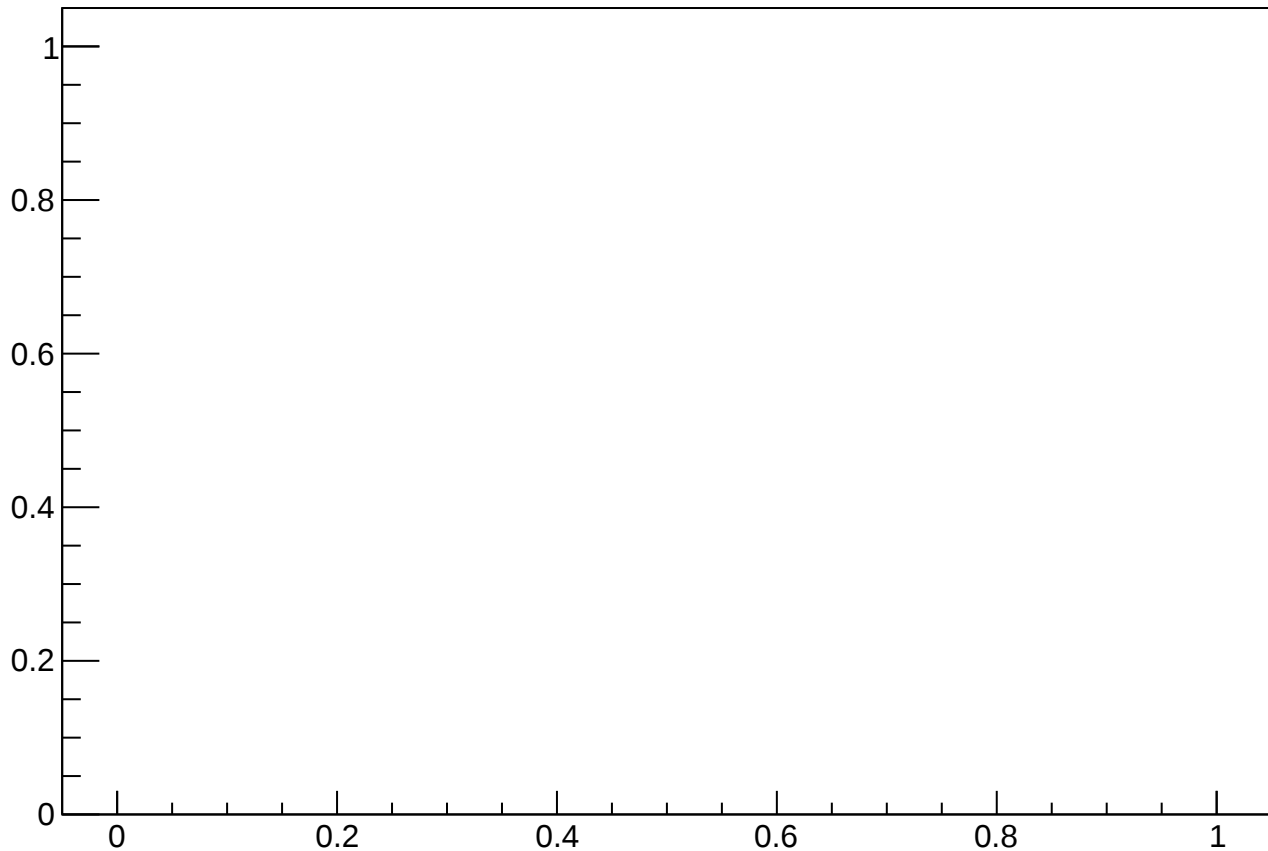
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

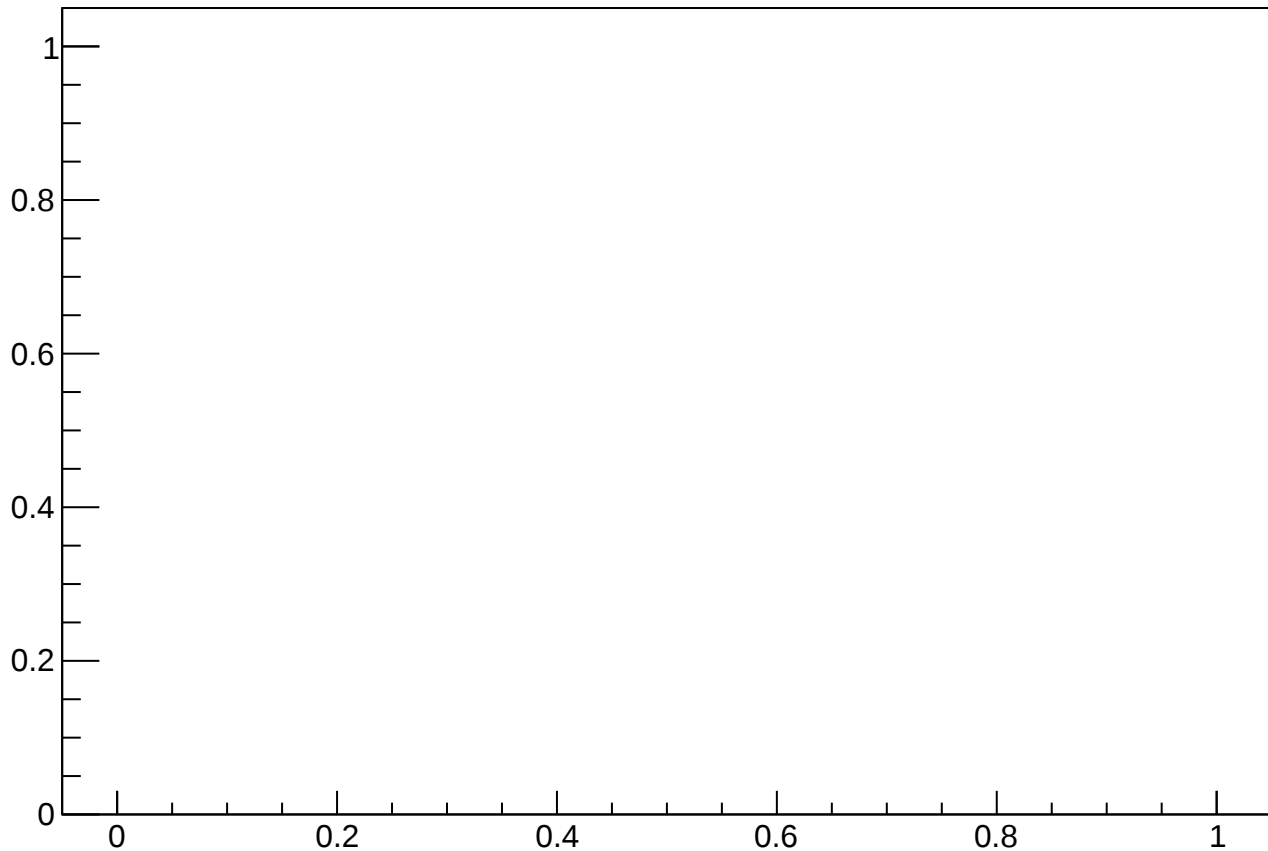
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

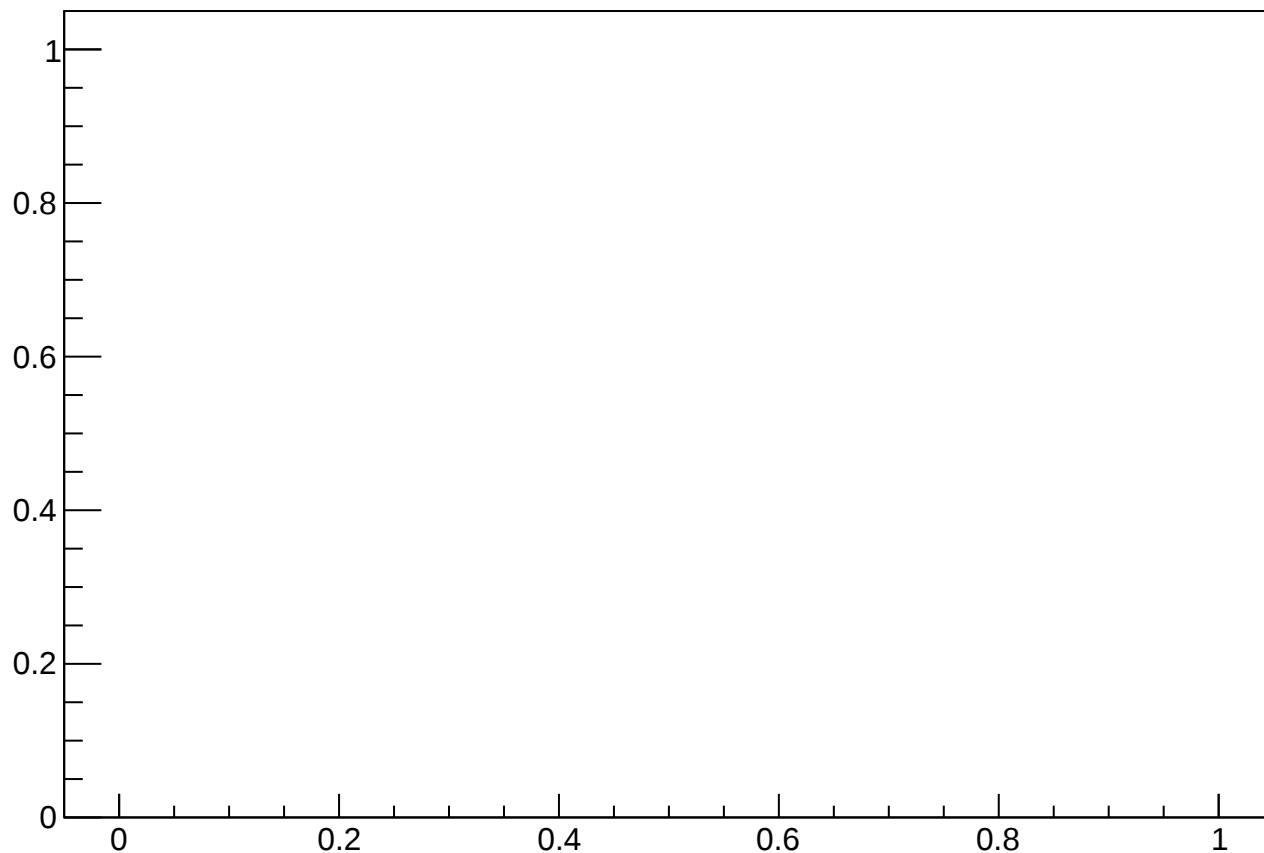
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

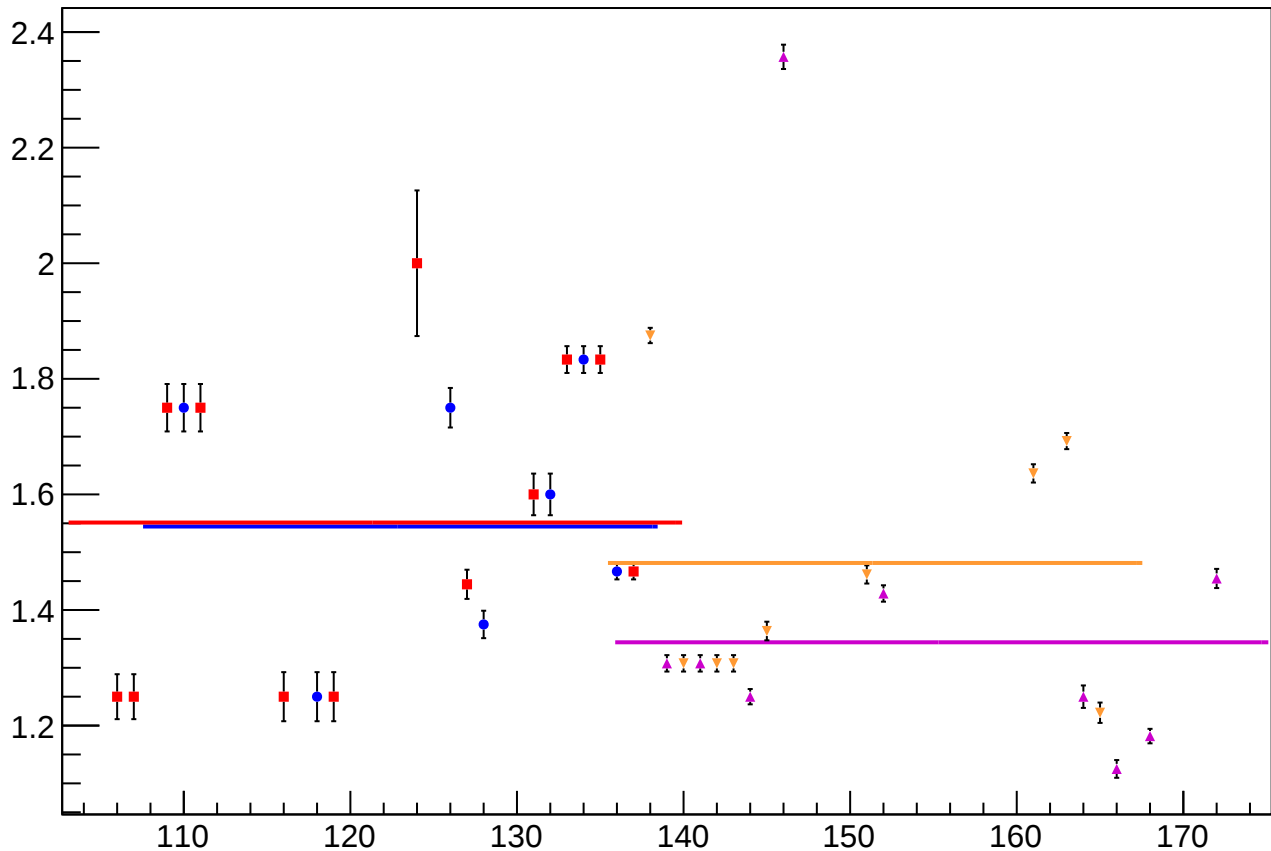
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.481 $\pm$ 0.005 χ^2/NDF :1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2/NDF :2852.1/8

Left: 1.414 $\pm$ 0.004 χ^2/NDF : 5158.2/17

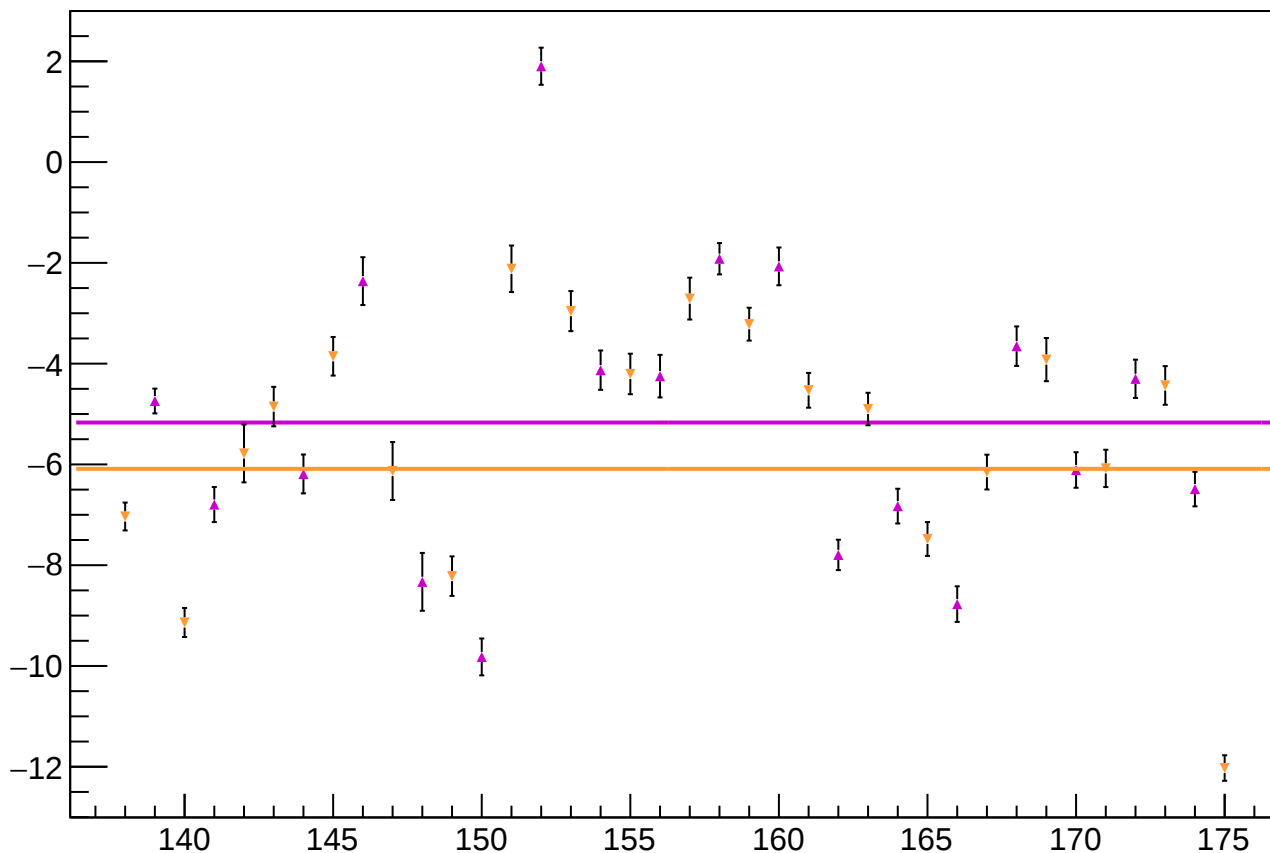
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.390 $\pm$ 0.004 χ^2/NDF :3564.8/15

Out: 1.500 $\pm$ 0.004 χ^2/NDF :2614.4/20

All: 1.447 $\pm$ 0.003 χ^2/NDF : 6505.9/36

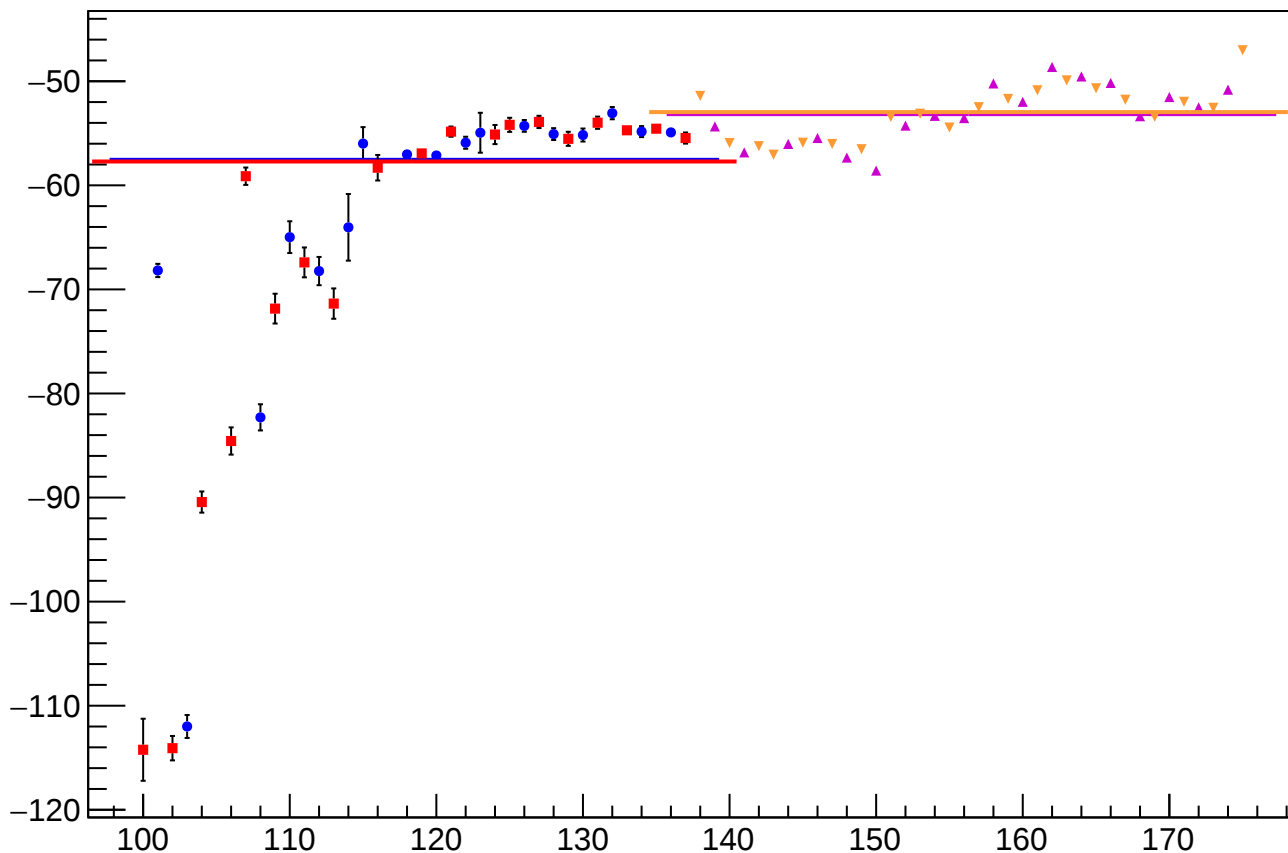
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.088+/-0.081 χ^2 /NDF:1143.4/19
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -5.169+/-0.084 χ^2 /NDF:1062.1/17

Left: -5.648+/-0.058 χ^2 /NDF: 2267.6/37
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -5.169+/-0.084 χ^2 /NDF:1062.1/17
 Out: -6.088+/-0.081 χ^2 /NDF:1143.4/19
 All: -5.648+/-0.058 χ^2 /NDF: 2267.6/37

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -52.962 $\pm$ 0.062 χ^2 /NDF:1852.2/19

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -53.158 $\pm$ 0.066 χ^2 /NDF:1990.3/17

Left: -53.054 $\pm$ 0.045 χ^2 /NDF: 3847.2/37

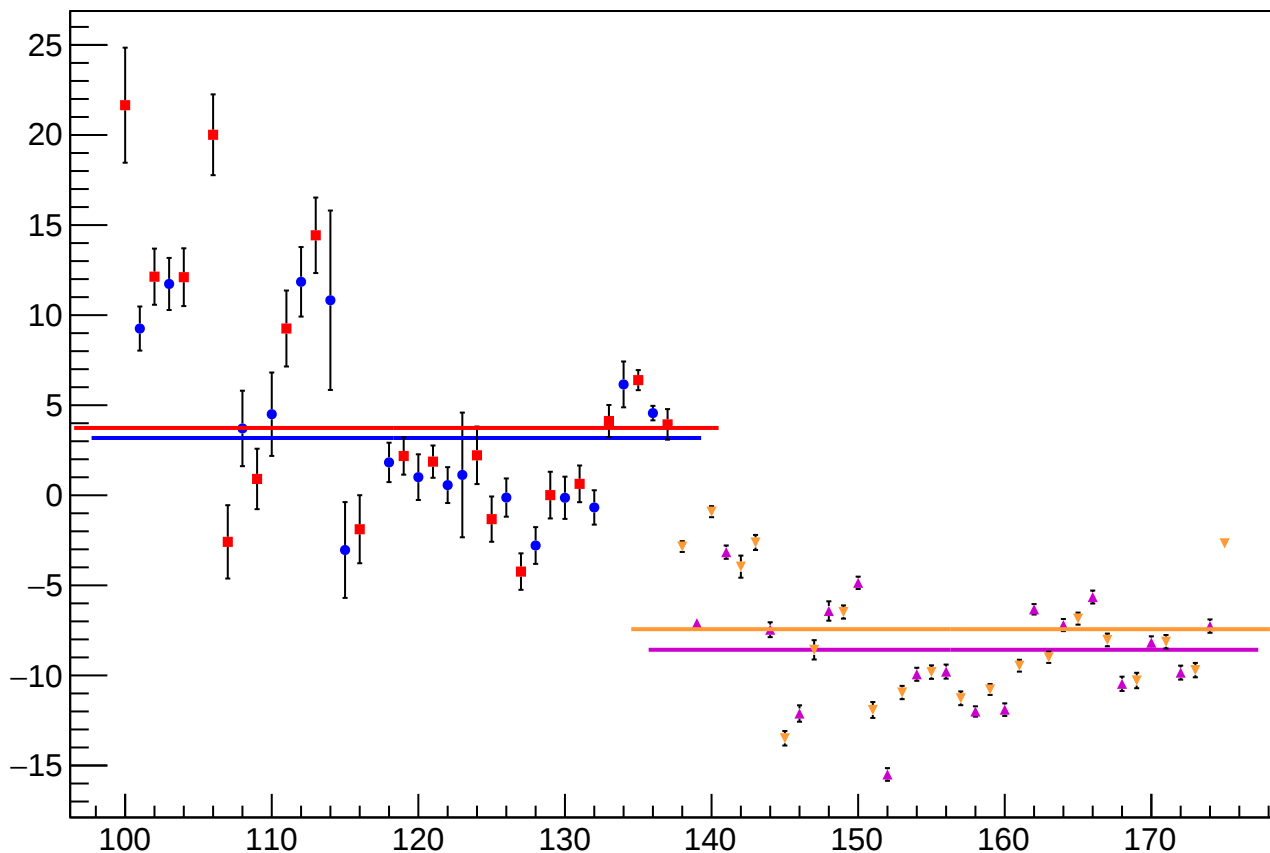
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -53.933 $\pm$ 0.059 χ^2 /NDF:6242.8/34

Out: -53.710 $\pm$ 0.057 χ^2 /NDF:7488.0/38

All: -53.816 $\pm$ 0.041 χ^2 /NDF: 13738.1/73

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.433 ± 0.080 χ^2/NDF : 2048.4/19

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -8.576 ± 0.084 χ^2/NDF : 1279.7/17

Left: -7.981 ± 0.058 χ^2/NDF : 3425.5/37

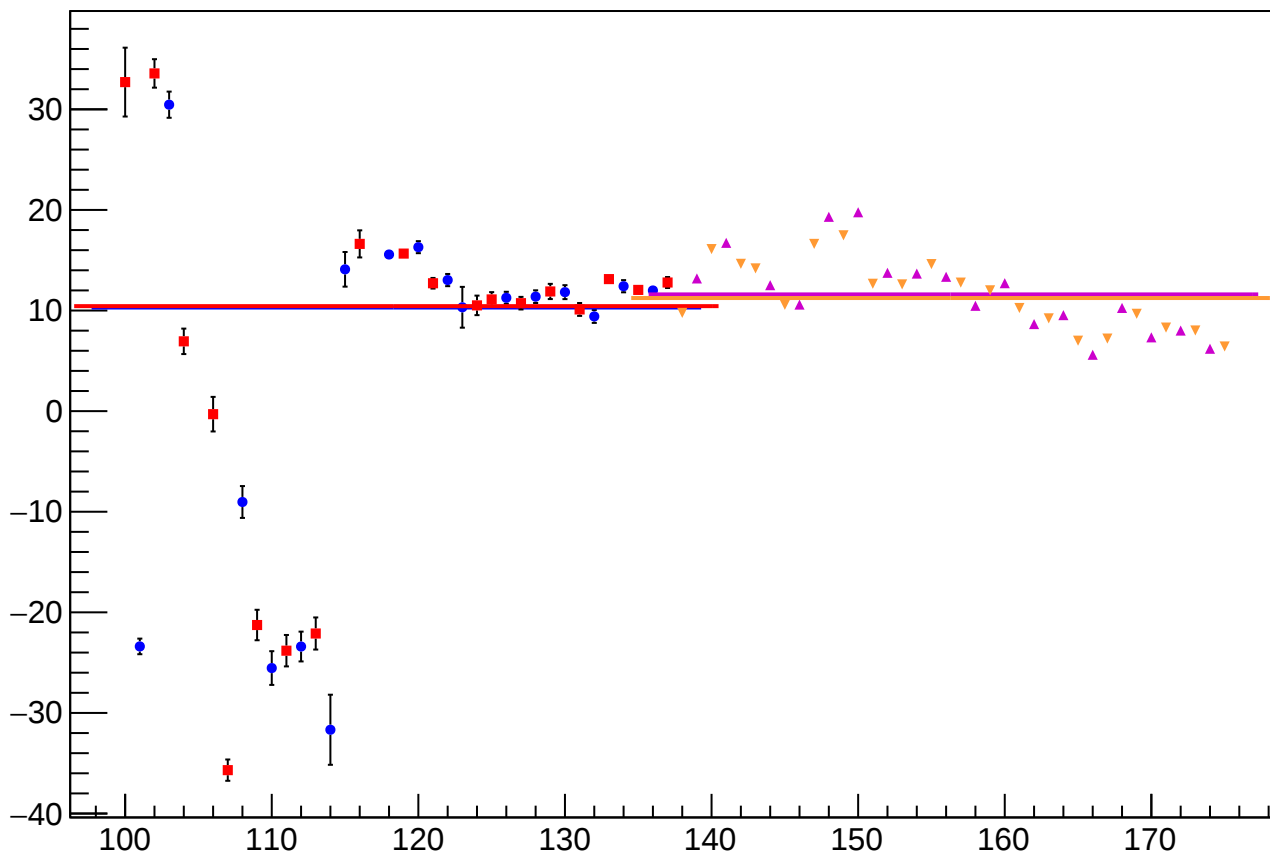
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -7.460 ± 0.079 χ^2/NDF : 3344.6/34

Out: -6.509 ± 0.077 χ^2/NDF : 3975.8/38

All: -6.968 ± 0.055 χ^2/NDF : 7394.6/73

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 χ^2/NDF : 3699.4/16

Left Out: 11.243 ± 0.070 χ^2/NDF : 2212.3/19

Right Out: 10.437 ± 0.160 χ^2/NDF : 3828.8/18

Left In: 11.603 ± 0.073 χ^2/NDF : 2789.6/17

Left: 11.414 ± 0.050 χ^2/NDF : 5014.6/37

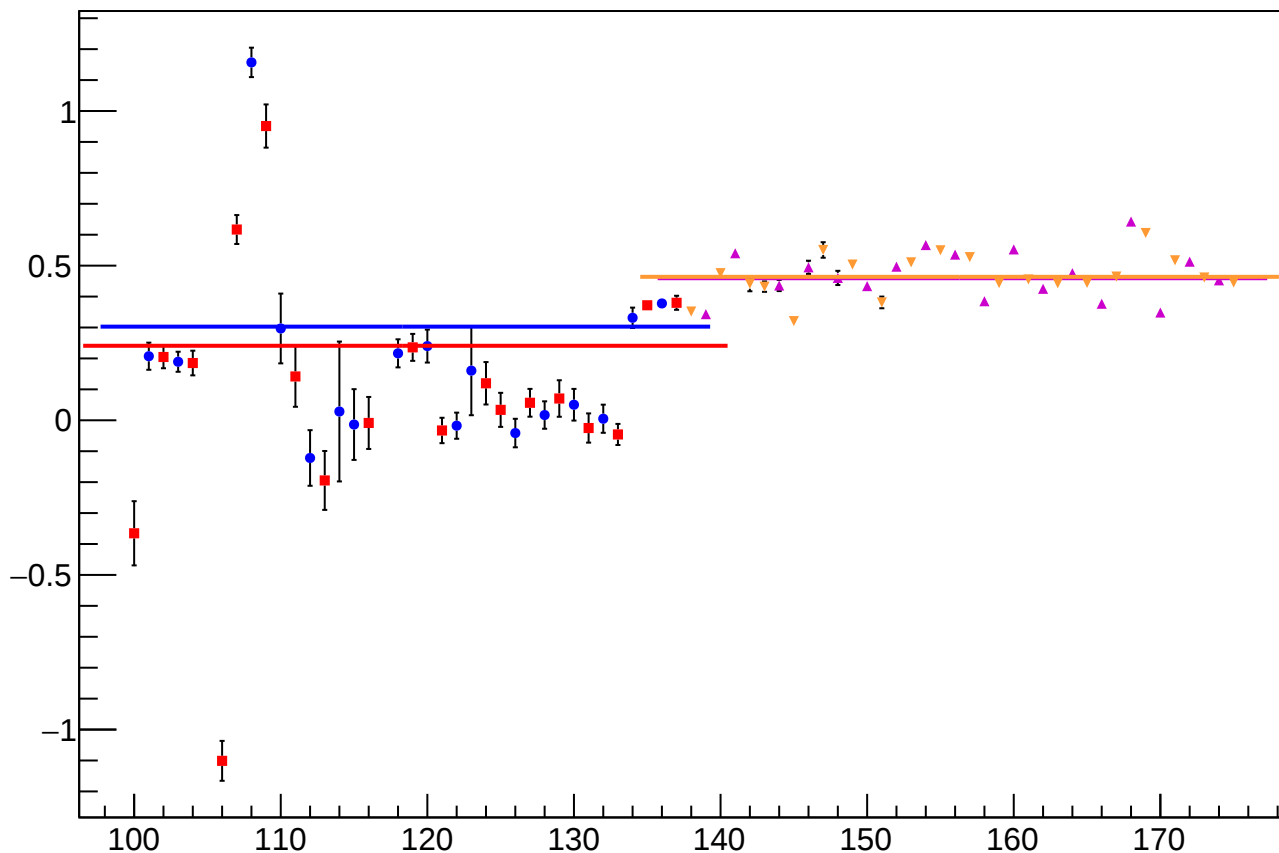
Right: 10.368 ± 0.112 χ^2/NDF : 7528.5/35

In: 11.370 ± 0.066 χ^2/NDF : 6545.5/34

Out: 11.115 ± 0.064 χ^2/NDF : 6062.6/38

All: 11.237 ± 0.046 χ^2/NDF : 12615.7/73

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2/NDF : 647.2/16

Left Out: 0.464 $\pm$ 0.003 χ^2/NDF :407.3/19

Right Out: 0.241 $\pm$ 0.008 χ^2/NDF : 988.9/18

Left In: 0.459 $\pm$ 0.003 χ^2/NDF :684.7/17

Left: 0.462 $\pm$ 0.002 χ^2/NDF : 1093.1/37

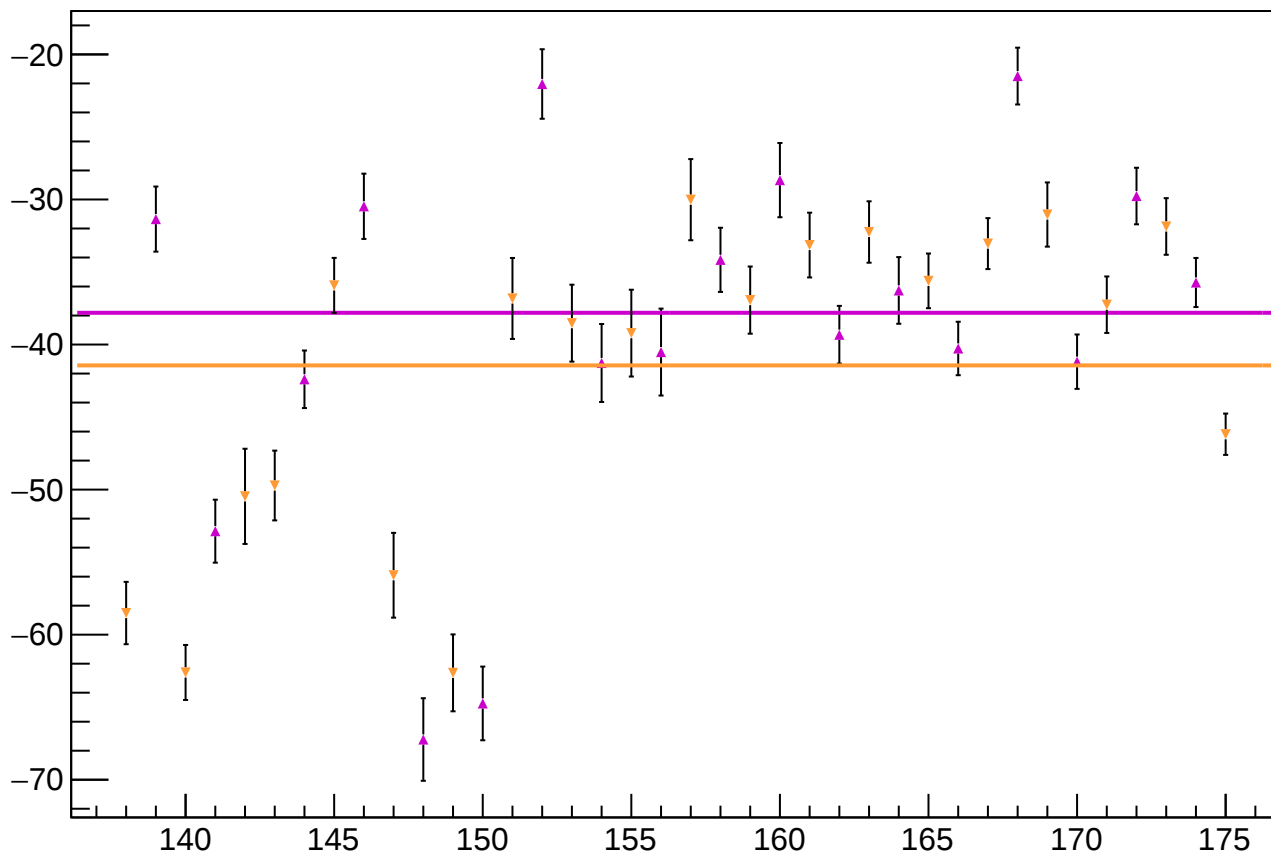
Right: 0.273 $\pm$ 0.006 χ^2/NDF : 1663.5/35

In: 0.439 $\pm$ 0.003 χ^2/NDF :1648.5/34

Out: 0.437 $\pm$ 0.003 χ^2/NDF :2002.7/38

All: 0.438 $\pm$ 0.002 χ^2/NDF : 3651.4/73

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.438+/-0.485 χ^2/NDF :456.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.811+/-0.512 χ^2/NDF :447.0/17

Left: -39.722+/-0.352 χ^2/NDF : 929.6/37

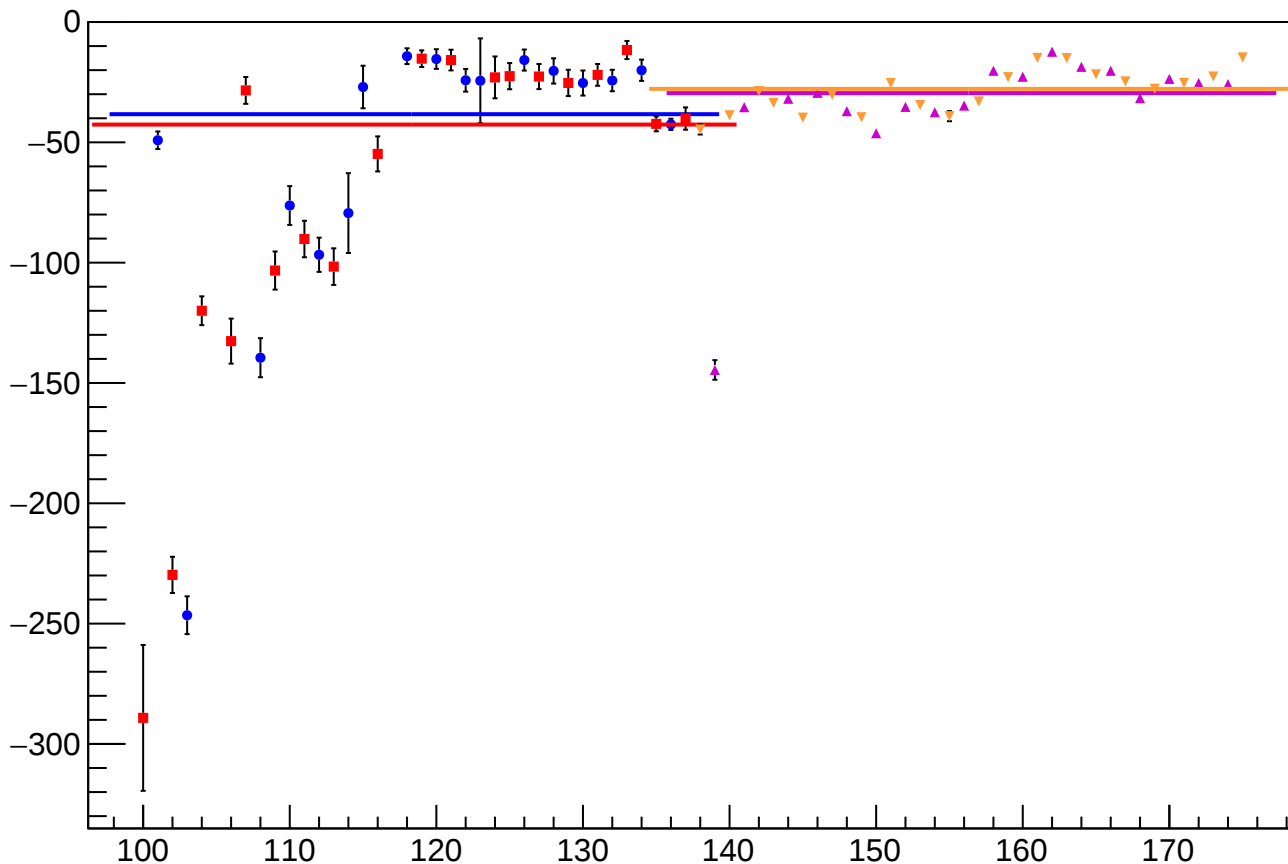
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.811+/-0.512 χ^2/NDF :447.0/17

Out: -41.438+/-0.485 χ^2/NDF :456.1/19

All: -39.722+/-0.352 χ^2/NDF : 929.6/37

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -27.779 ± 0.364 $\chi^2/\text{NDF}: 555.1/19$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -29.548 ± 0.384 $\chi^2/\text{NDF}: 1243.7/17$

Left: -28.617 ± 0.264 $\chi^2/\text{NDF}: 1810.0/37$

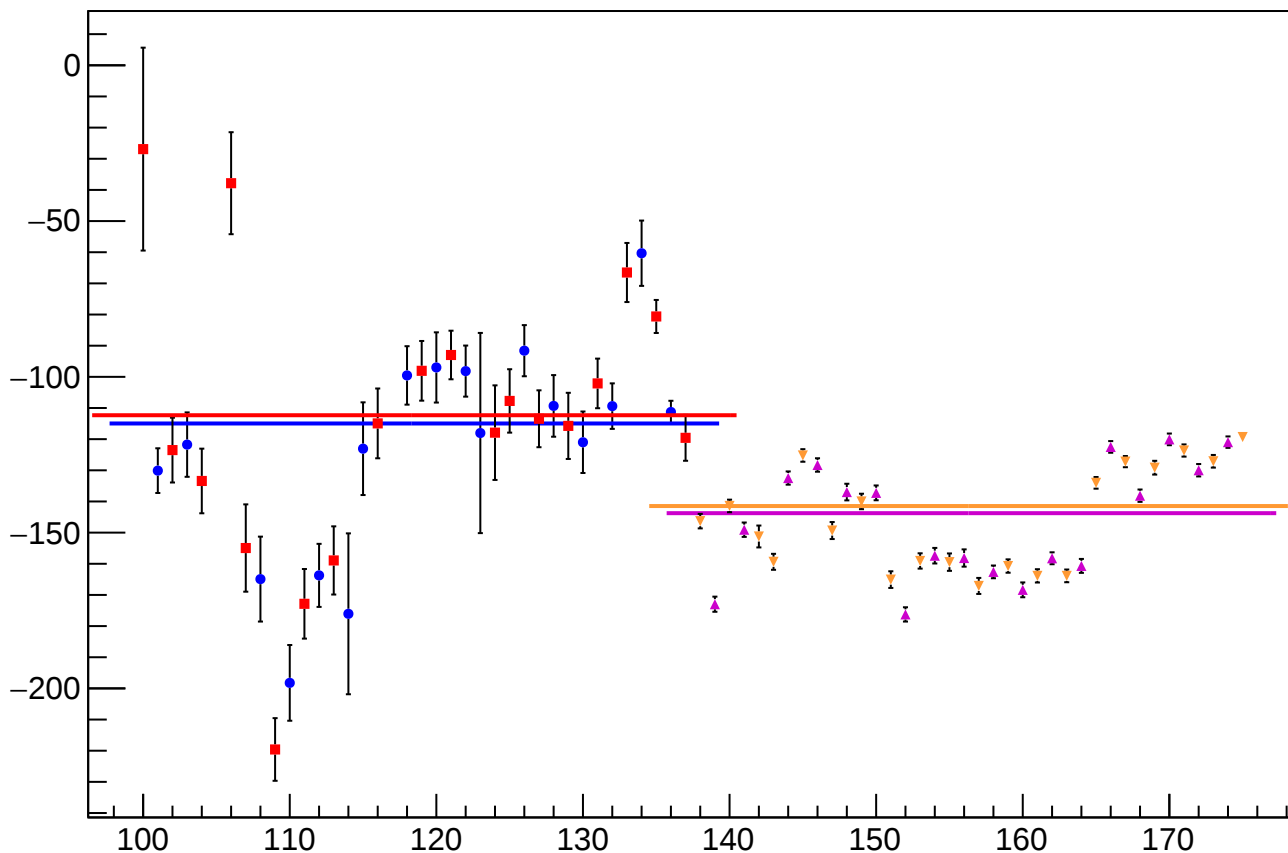
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -30.442 ± 0.364 $\chi^2/\text{NDF}: 2429.6/34$

Out: -29.014 ± 0.349 $\chi^2/\text{NDF}: 2037.8/38$

All: -29.698 ± 0.252 $\chi^2/\text{NDF}: 4475.5/73$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -141.469 ± 0.484 $\chi^2/\text{NDF}: 1200.3/19$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -143.756 ± 0.509 $\chi^2/\text{NDF}: 1306.0/17$

Left: -142.555 ± 0.351 $\chi^2/\text{NDF}: 2516.9/37$

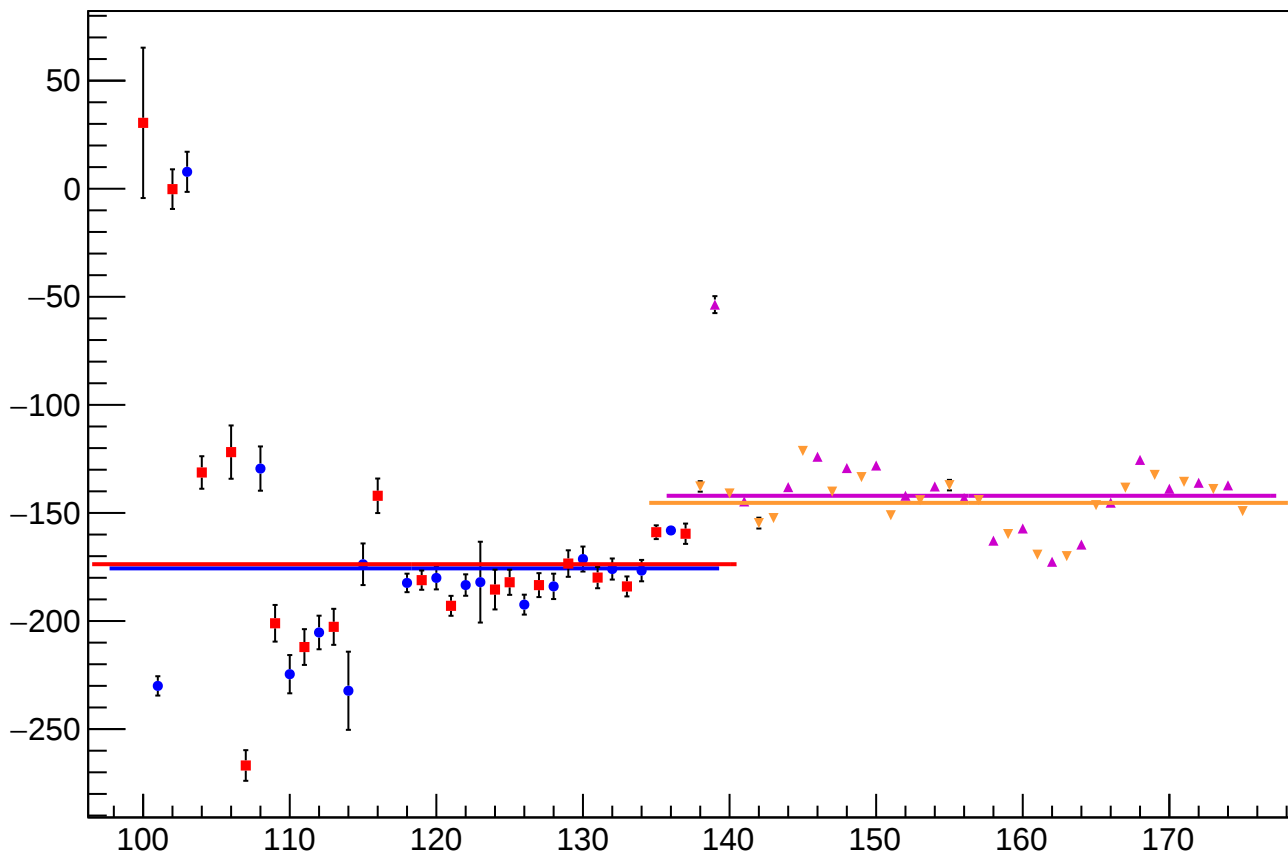
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -142.118 ± 0.495 $\chi^2/\text{NDF}: 1629.0/34$

Out: -140.127 ± 0.473 $\chi^2/\text{NDF}: 1641.0/38$

All: -141.078 ± 0.342 $\chi^2/\text{NDF}: 3278.5/73$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 $\chi^2/\text{NDF}: 692.1/16$

Left Out: -145.336 ± 0.413 $\chi^2/\text{NDF}: 911.4/19$

Right Out: -173.714 ± 1.354 $\chi^2/\text{NDF}: 738.0/18$

Left In: -142.058 ± 0.436 $\chi^2/\text{NDF}: 1524.7/17$

Left: -143.784 ± 0.300 $\chi^2/\text{NDF}: 2465.9/37$

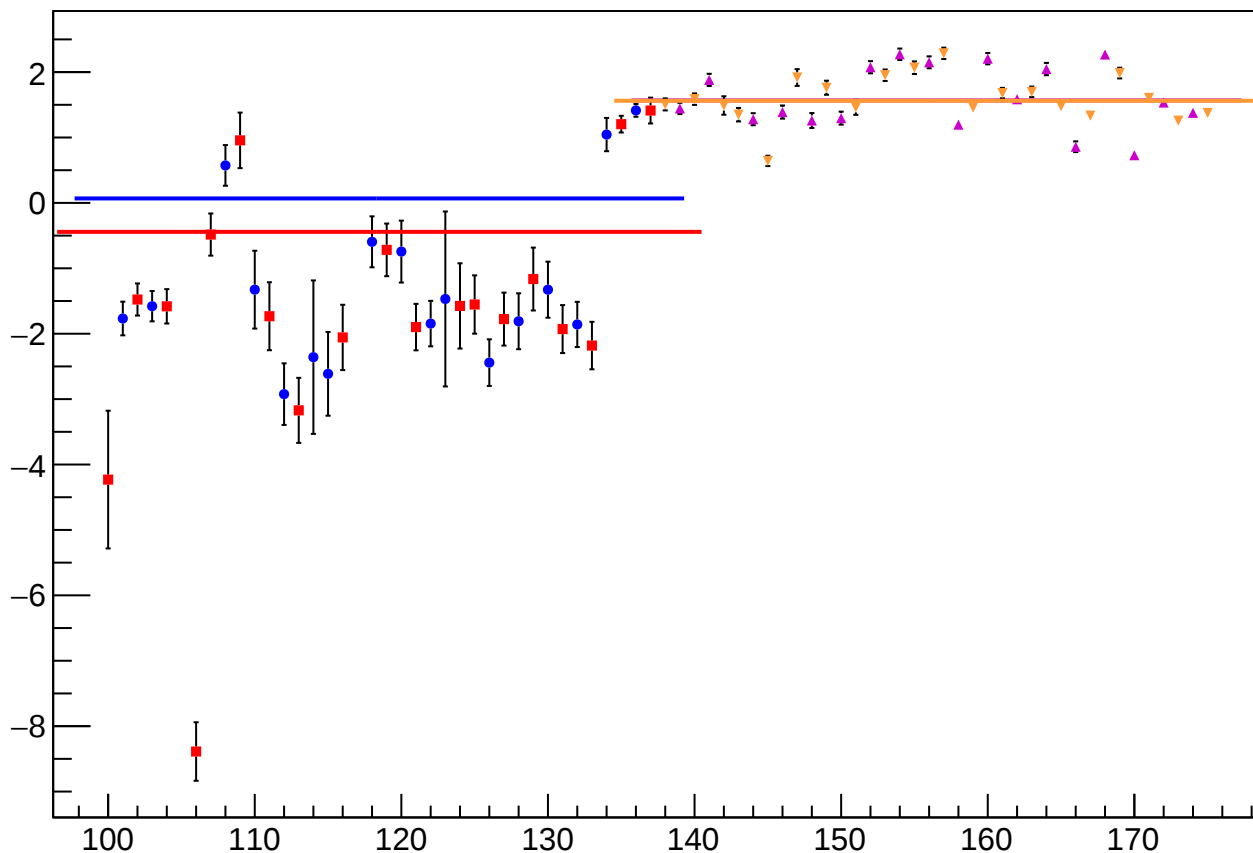
Right: -174.745 ± 0.926 $\chi^2/\text{NDF}: 1431.2/35$

In: -145.598 ± 0.412 $\chi^2/\text{NDF}: 2843.6/34$

Out: -147.753 ± 0.395 $\chi^2/\text{NDF}: 2051.2/38$

All: -146.720 ± 0.285 $\chi^2/\text{NDF}: 4909.0/73$

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.562 $\pm$ 0.019 χ^2 /NDF:338.0/19

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.567 $\pm$ 0.020 χ^2 /NDF:600.5/17

Left: 1.564 $\pm$ 0.014 χ^2 /NDF: 938.6/37

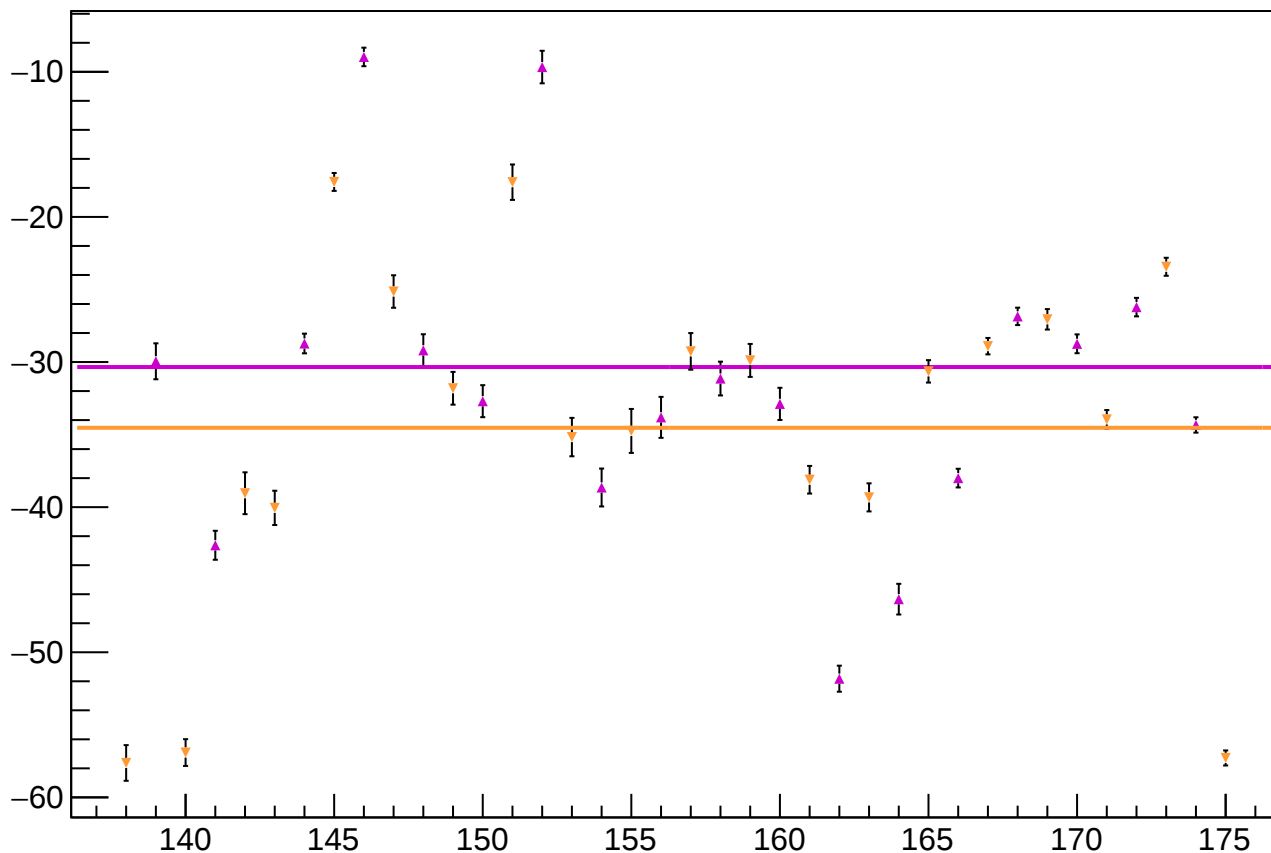
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.448 $\pm$ 0.019 χ^2 /NDF:1587.0/34

Out: 1.426 $\pm$ 0.018 χ^2 /NDF:1835.1/38

All: 1.437 $\pm$ 0.013 χ^2 /NDF: 3422.8/73

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -34.530 ± 0.189 χ^2/NDF : 4545.9/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -30.344 ± 0.192 χ^2/NDF : 2756.6/17

Left: -32.473 ± 0.135 χ^2/NDF : 7543.9/37

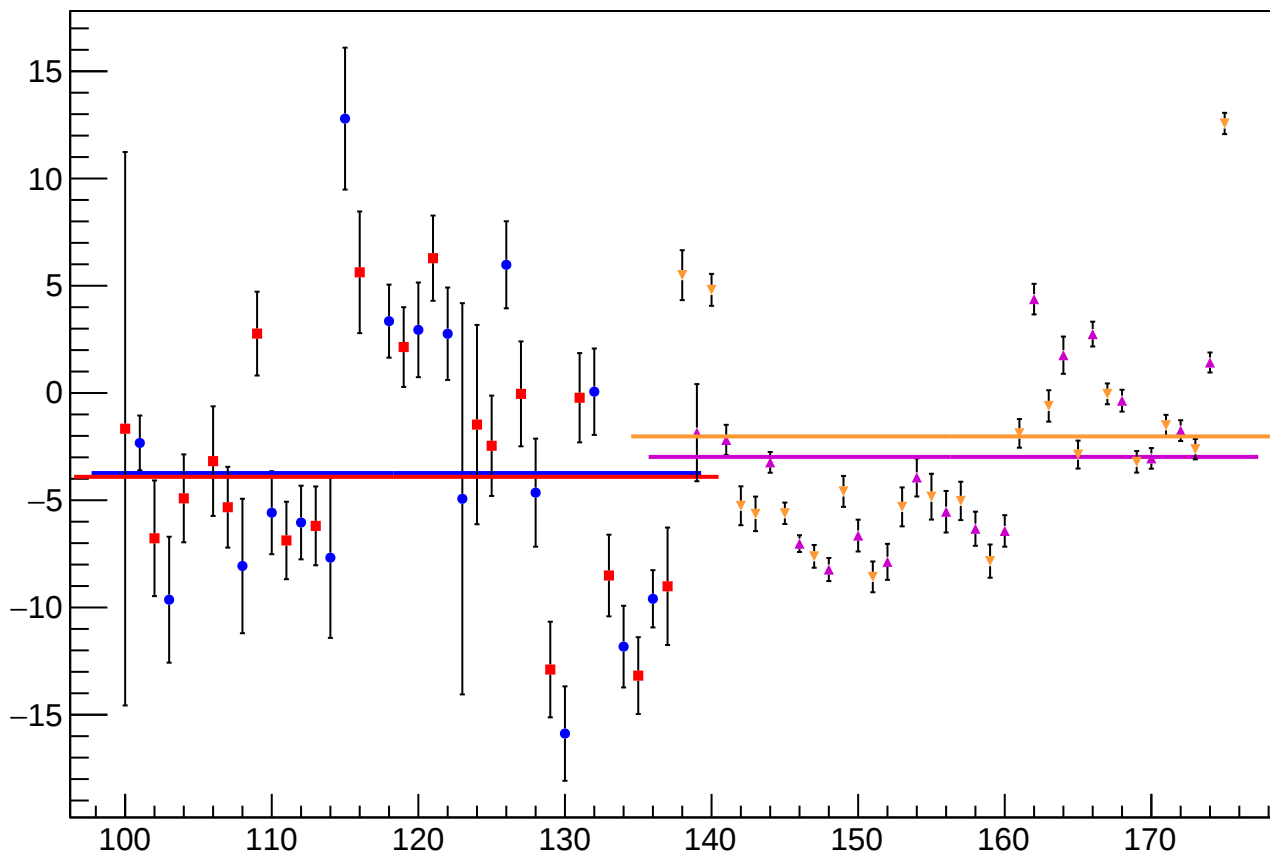
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -30.344 ± 0.192 χ^2/NDF : 2756.6/17

Out: -34.530 ± 0.189 χ^2/NDF : 4545.9/19

All: -32.473 ± 0.135 χ^2/NDF : 7543.9/37

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -2.025 ± 0.143 $\chi^2/\text{NDF}: 1399.2/19$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -2.980 ± 0.143 $\chi^2/\text{NDF}: 666.2/17$

Left: -2.501 ± 0.101 $\chi^2/\text{NDF}: 2087.7/37$

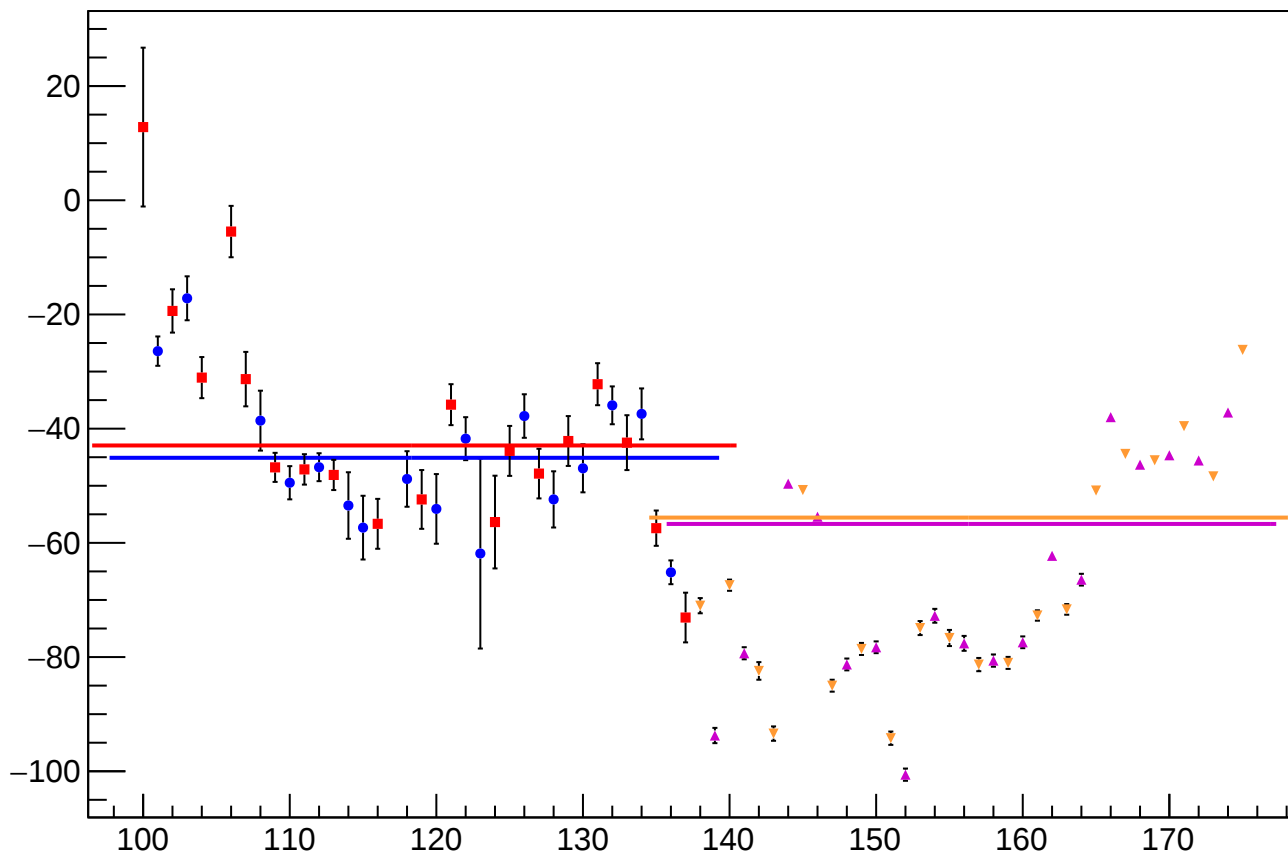
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -3.038 ± 0.138 $\chi^2/\text{NDF}: 834.1/34$

Out: -2.163 ± 0.137 $\chi^2/\text{NDF}: 1536.8/38$

All: -2.600 ± 0.097 $\chi^2/\text{NDF}: 2391.2/73$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -55.572 ± 0.190 χ^2/NDF : 10621.9/19

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -56.687 ± 0.193 χ^2/NDF : 8354.5/17

Left: -56.120 ± 0.135 χ^2/NDF : 18993.4/37

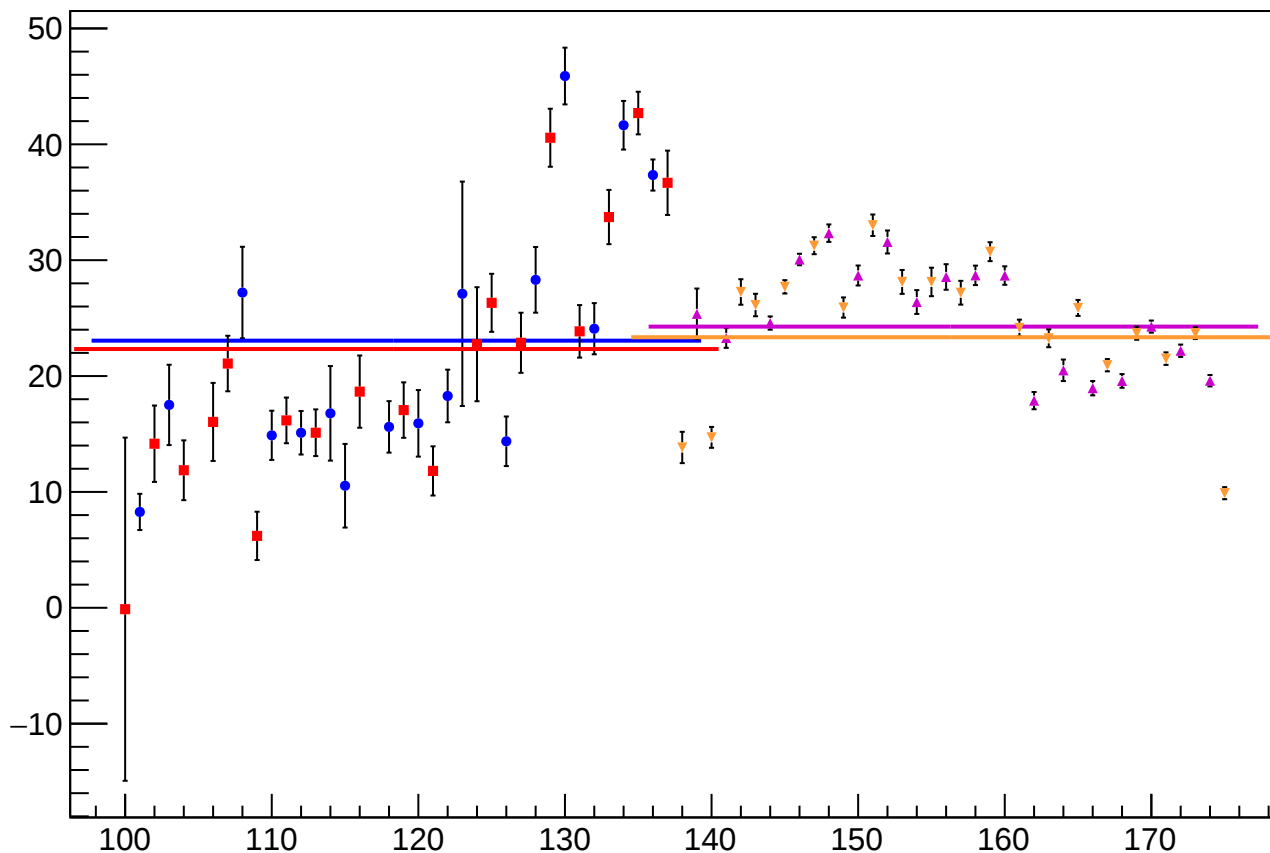
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -56.159 ± 0.188 χ^2/NDF : 8749.5/34

Out: -55.009 ± 0.185 χ^2/NDF : 11068.9/38

All: -55.574 ± 0.132 χ^2/NDF : 19837.3/73

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 23.350 $\pm$ 0.161 χ^2 /NDF:1298.3/19

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 24.267 $\pm$ 0.164 χ^2 /NDF:742.6/17

Left: 23.802 $\pm$ 0.115 χ^2 /NDF: 2056.8/37

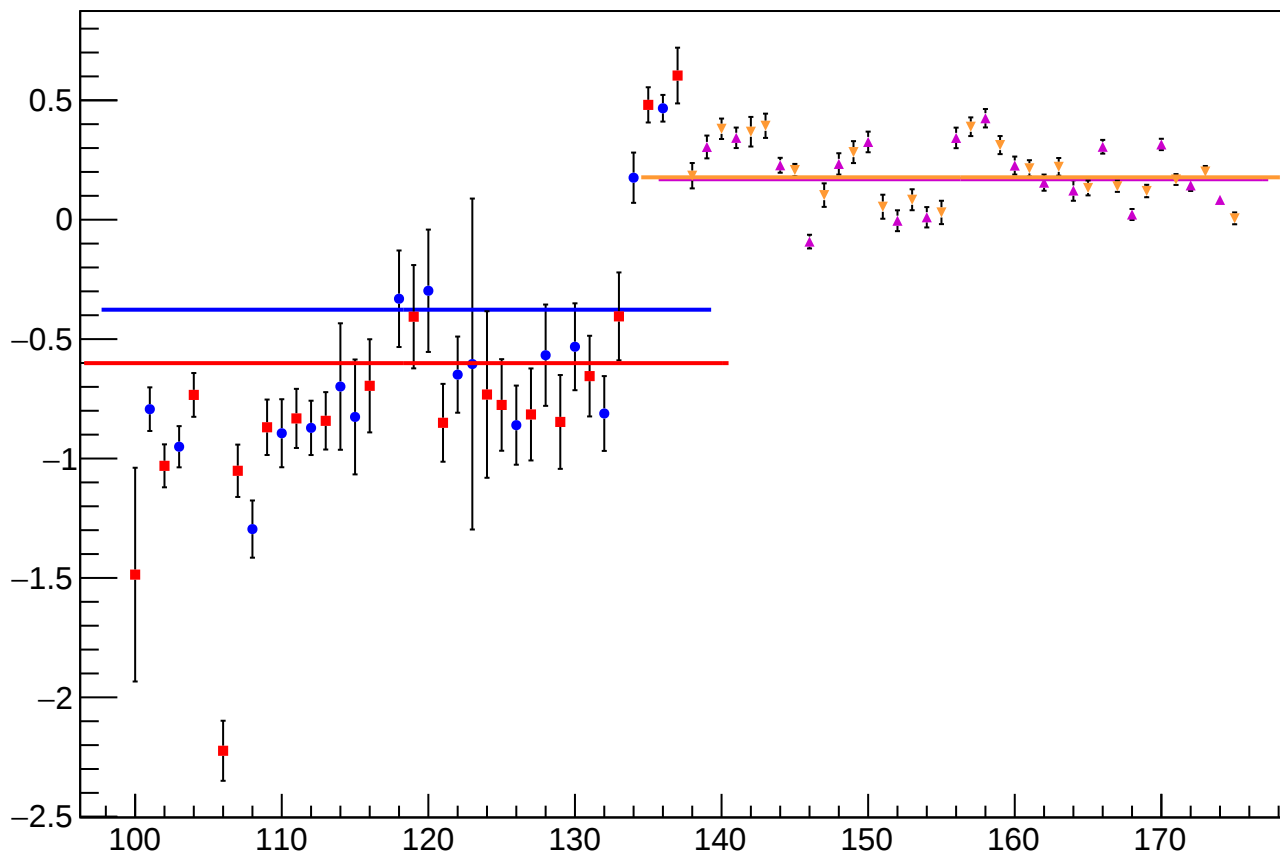
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 24.171 $\pm$ 0.157 χ^2 /NDF:1208.1/34

Out: 23.275 $\pm$ 0.155 χ^2 /NDF:1672.3/38

All: 23.718 $\pm$ 0.110 χ^2 /NDF: 2896.8/73

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.177 ± 0.007 $\chi^2/\text{NDF}: 181.7/19$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.169 ± 0.008 $\chi^2/\text{NDF}: 338.8/17$

Left: 0.173 ± 0.005 $\chi^2/\text{NDF}: 521.1/37$

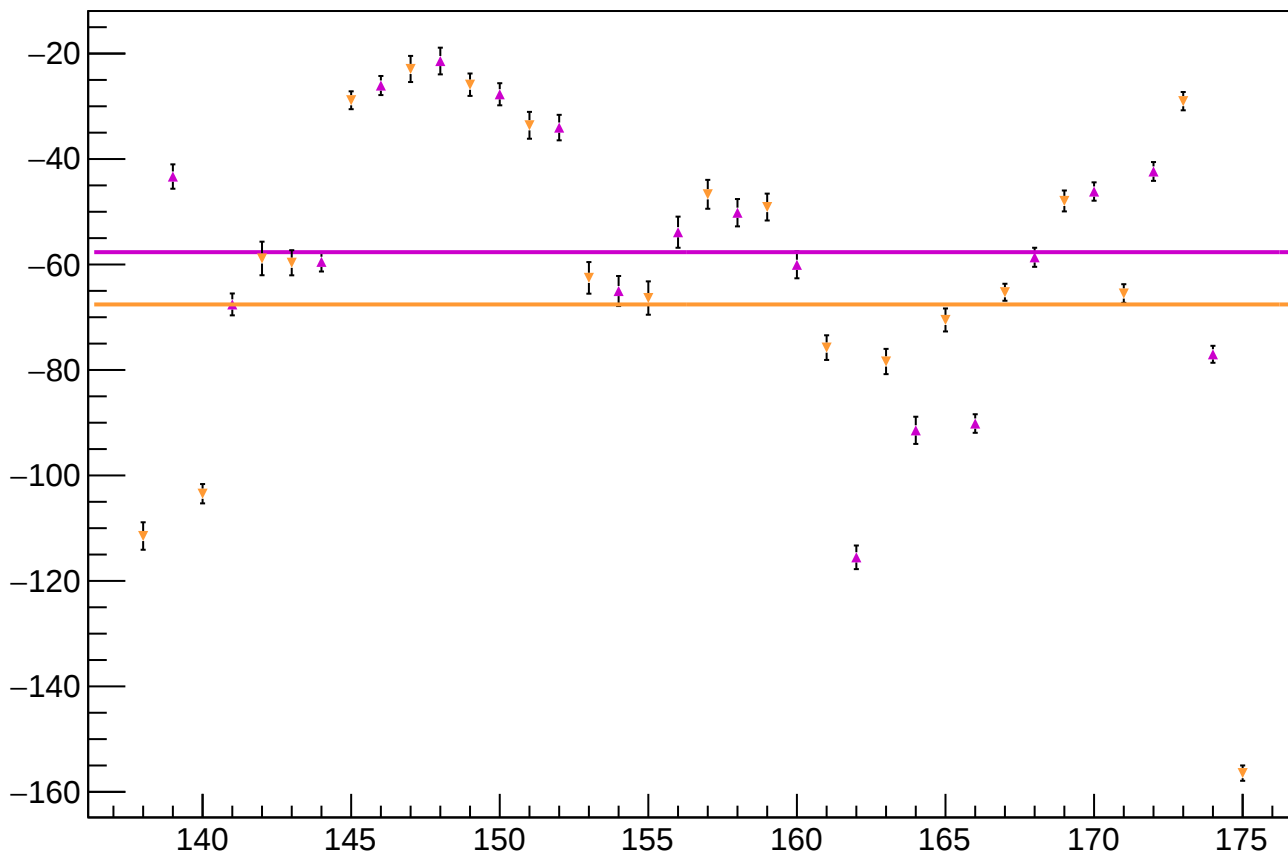
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.137 ± 0.007 $\chi^2/\text{NDF}: 1086.2/34$

Out: 0.133 ± 0.007 $\chi^2/\text{NDF}: 1363.3/38$

All: 0.135 ± 0.005 $\chi^2/\text{NDF}: 2449.8/73$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -67.574+/-0.475 χ^2/NDF : 6567.4/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -57.660+/-0.492 χ^2/NDF : 2331.1/17

Left: -62.798+/-0.342 χ^2/NDF : 9108.6/37

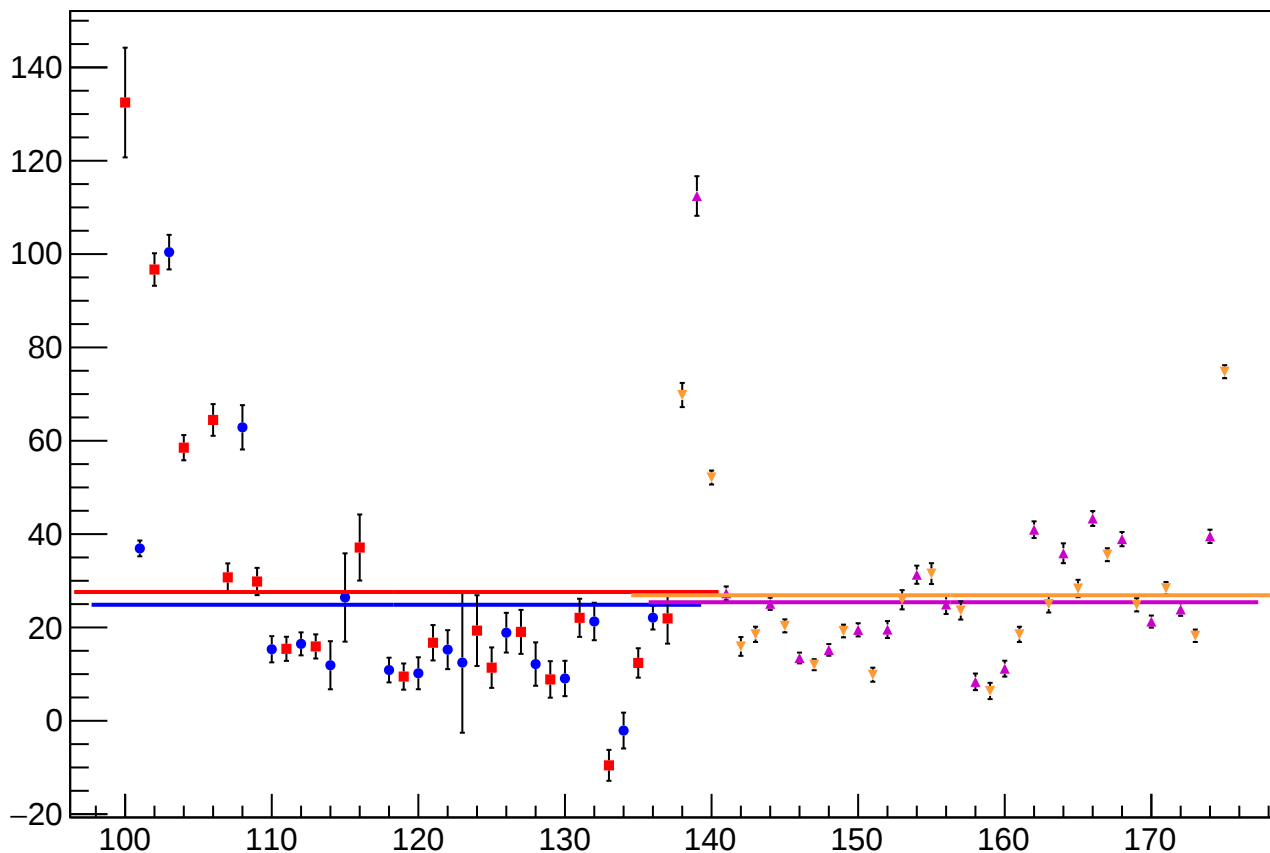
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.660+/-0.492 χ^2/NDF : 2331.1/17

Out: -67.574+/-0.475 χ^2/NDF : 6567.4/19

All: -62.798+/-0.342 χ^2/NDF : 9108.6/37

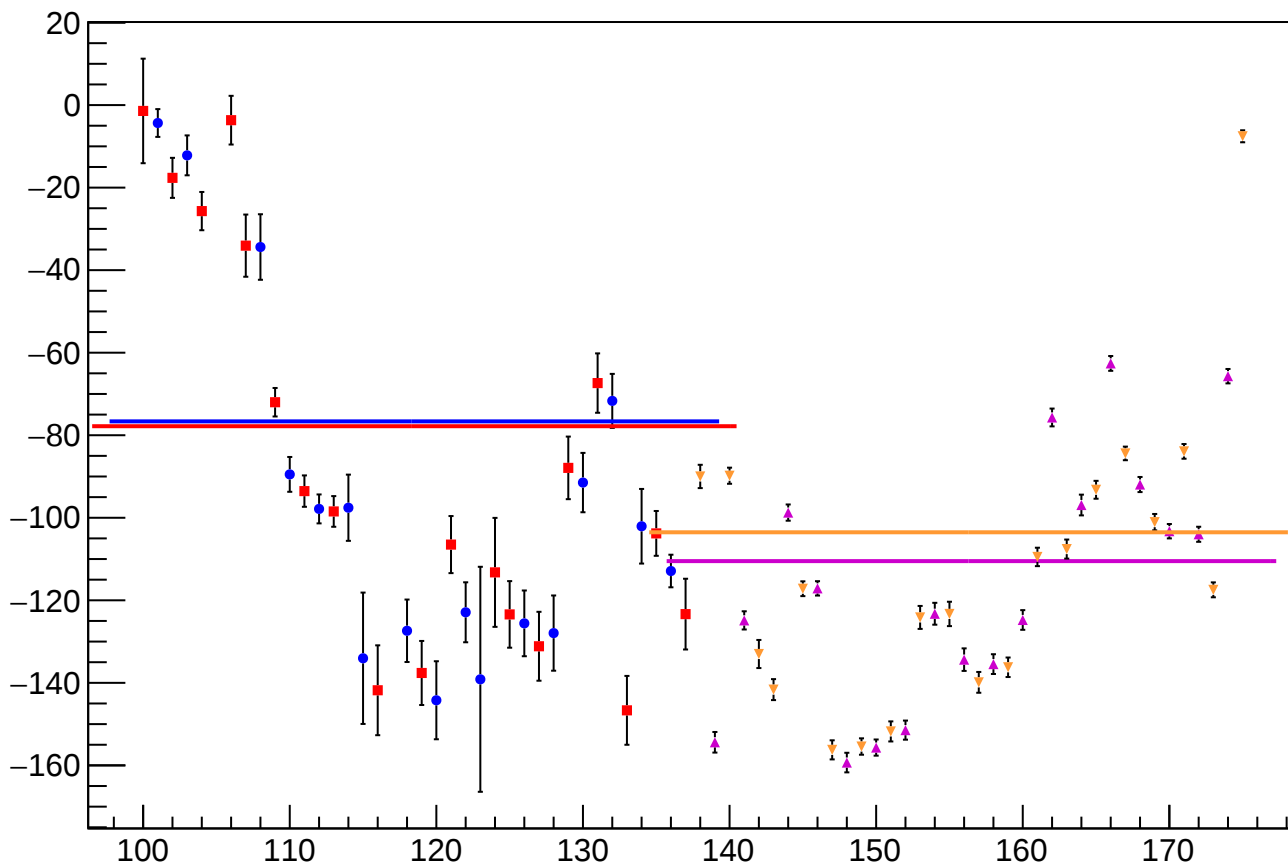
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16
 Left Out: 26.901 $\pm$ 0.353 χ^2 /NDF:2382.1/19
 Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18
 Left In: 25.406 $\pm$ 0.367 χ^2 /NDF:1211.1/17

Left: 26.182 $\pm$ 0.254 χ^2 /NDF: 3601.7/37
 Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35
 In: 25.312 $\pm$ 0.333 χ^2 /NDF:1902.5/34
 Out: 27.011 $\pm$ 0.323 χ^2 /NDF:3393.6/38
 All: 26.188 $\pm$ 0.232 χ^2 /NDF: 5309.5/73

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 $\pm$ 1.415 χ^2/NDF : 1040.7/16

Left Out: -103.519 $\pm$ 0.474 χ^2/NDF : 7219.5/19

Right Out: -77.815 $\pm$ 1.352 χ^2/NDF : 873.3/18

Left In: -110.504 $\pm$ 0.491 χ^2/NDF : 3708.0/17

Left: -106.889 $\pm$ 0.341 χ^2/NDF : 11032.2/37

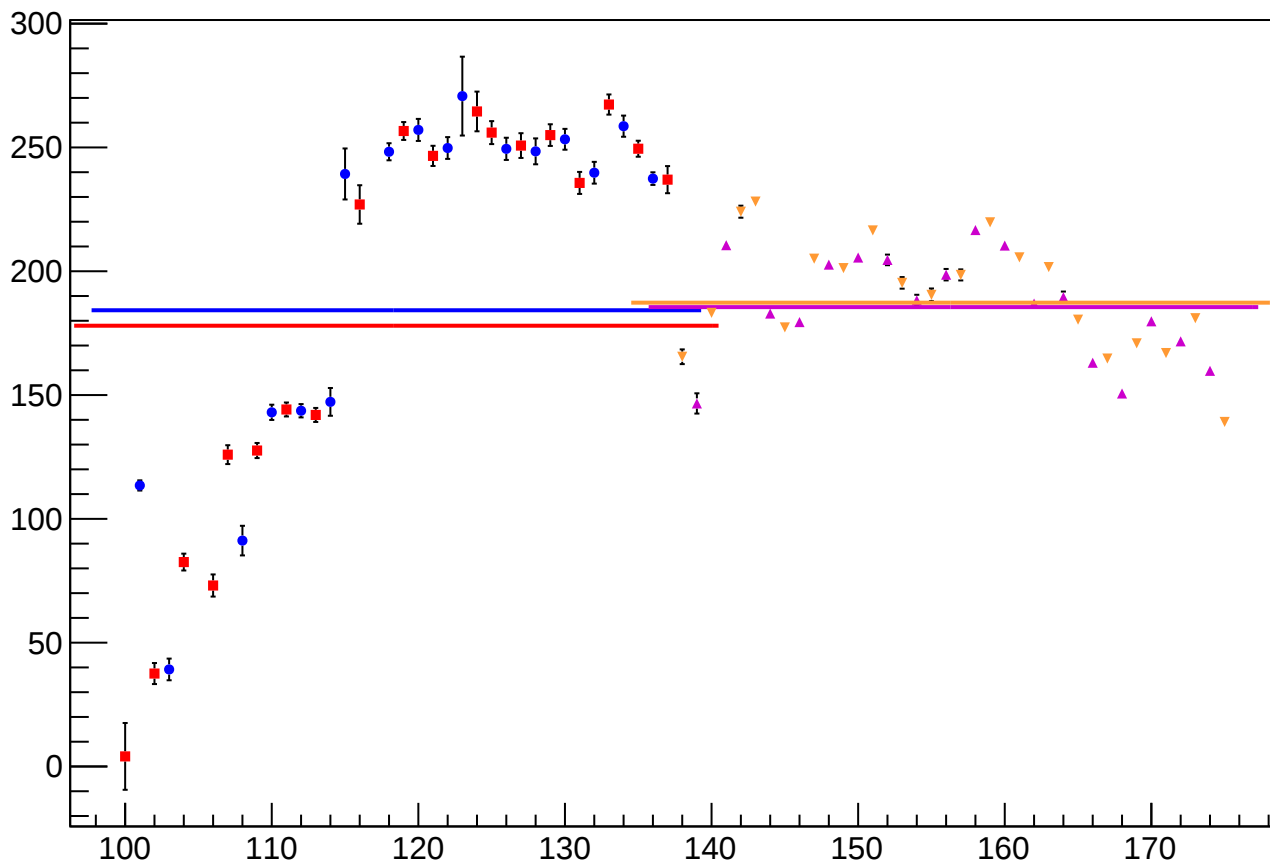
Right: -77.254 $\pm$ 0.978 χ^2/NDF : 1914.4/35

In: -106.863 $\pm$ 0.464 χ^2/NDF : 5260.0/34

Out: -100.703 $\pm$ 0.448 χ^2/NDF : 8414.5/38

All: -103.672 $\pm$ 0.322 χ^2/NDF : 13765.9/73

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 ± 0.915 $\chi^2/\text{NDF}: 5388.6/16$

Left Out: 187.315 ± 0.403 $\chi^2/\text{NDF}: 3309.5/19$

Right Out: 178.003 ± 0.924 $\chi^2/\text{NDF}: 6338.0/18$

Left In: 185.515 ± 0.419 $\chi^2/\text{NDF}: 2081.0/17$

Left: 186.450 ± 0.290 $\chi^2/\text{NDF}: 5400.1/37$

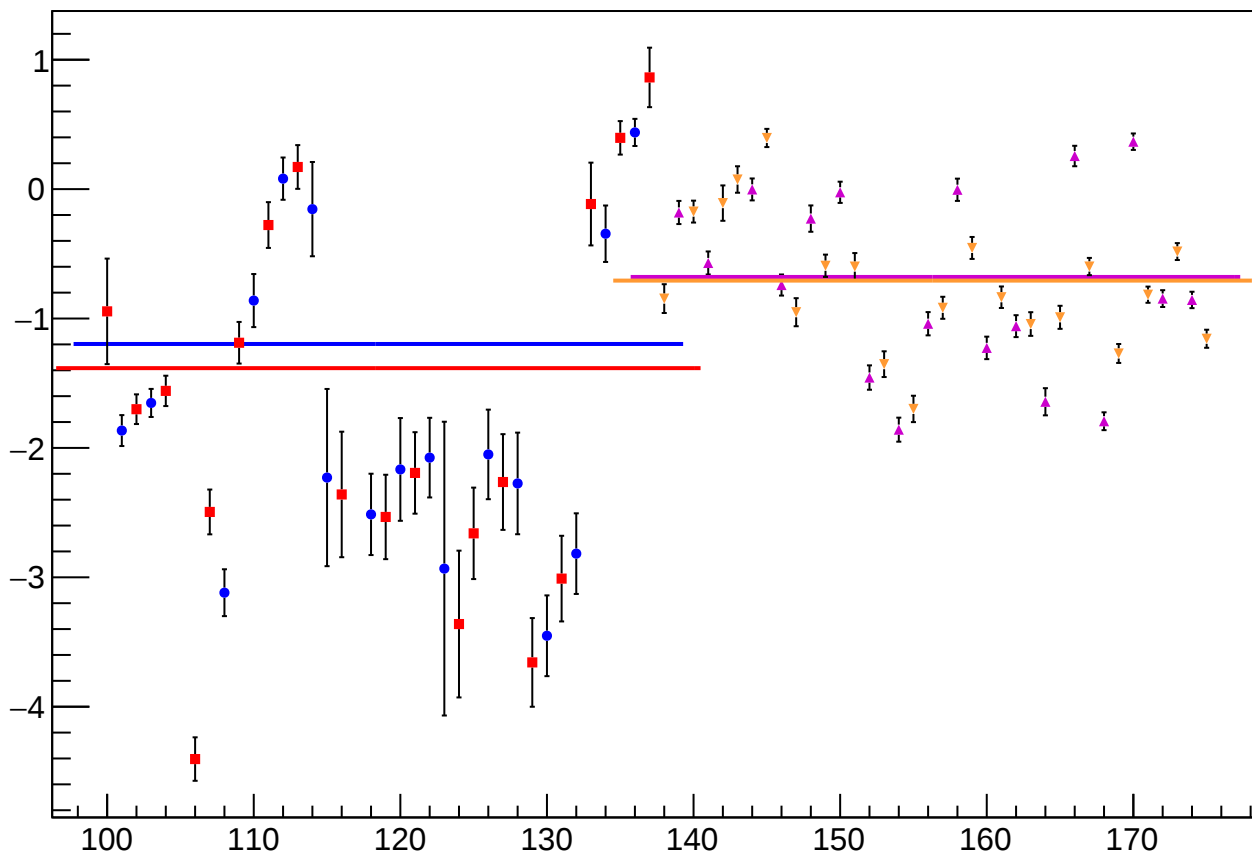
Right: 181.152 ± 0.650 $\chi^2/\text{NDF}: 11749.6/35$

In: 185.295 ± 0.381 $\chi^2/\text{NDF}: 7471.2/34$

Out: 185.826 ± 0.369 $\chi^2/\text{NDF}: 9732.9/38$

All: 185.569 ± 0.265 $\chi^2/\text{NDF}: 17205.1/73$

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 $\chi^2/\text{NDF}: 621.5/16$

Left Out: -0.707 ± 0.019 $\chi^2/\text{NDF}: 668.1/19$

Right Out: -1.383 ± 0.046 $\chi^2/\text{NDF}: 923.4/18$

Left In: -0.679 ± 0.019 $\chi^2/\text{NDF}: 1318.3/17$

Left: -0.693 ± 0.013 $\chi^2/\text{NDF}: 1987.5/37$

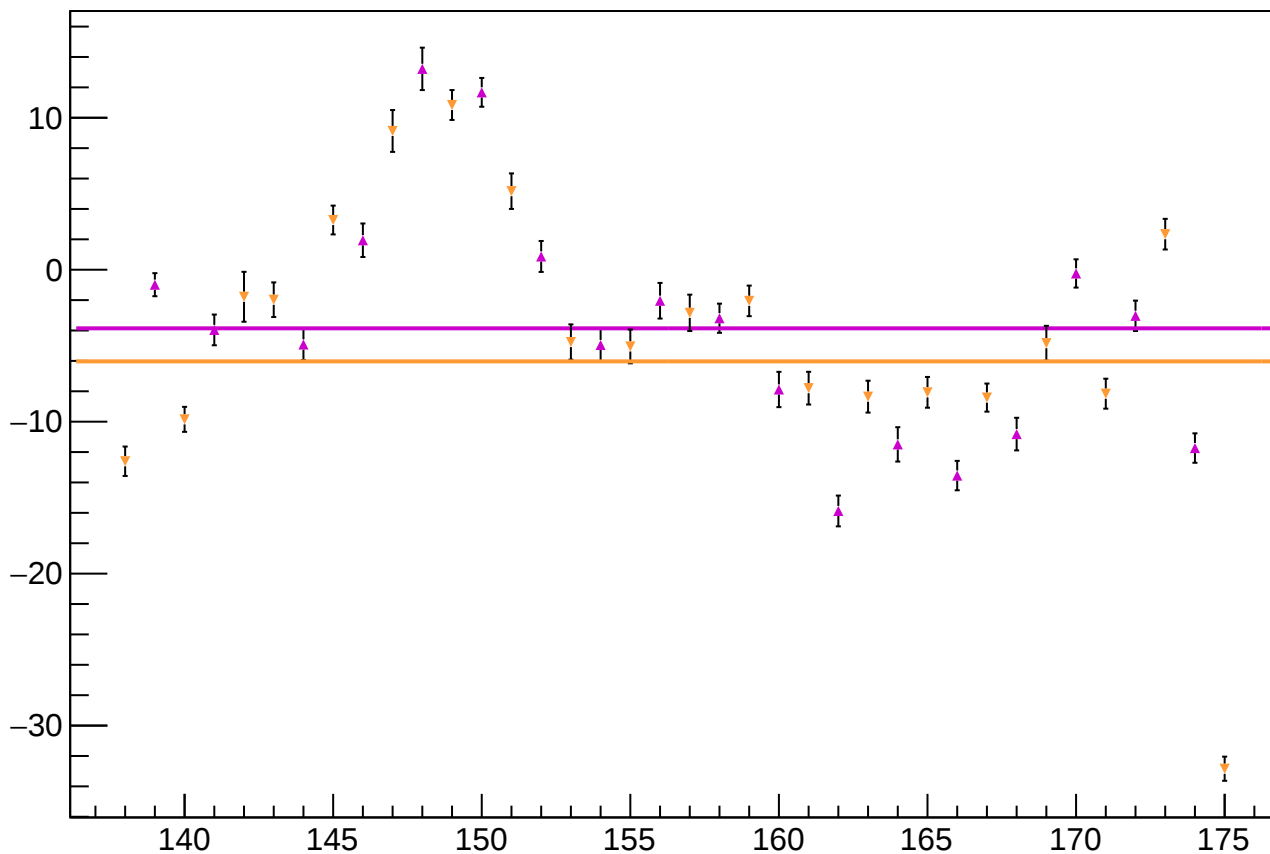
Right: -1.295 ± 0.033 $\chi^2/\text{NDF}: 1552.8/35$

In: -0.749 ± 0.018 $\chi^2/\text{NDF}: 2039.9/34$

Out: -0.804 ± 0.017 $\chi^2/\text{NDF}: 1778.7/38$

All: -0.777 ± 0.012 $\chi^2/\text{NDF}: 3823.4/73$

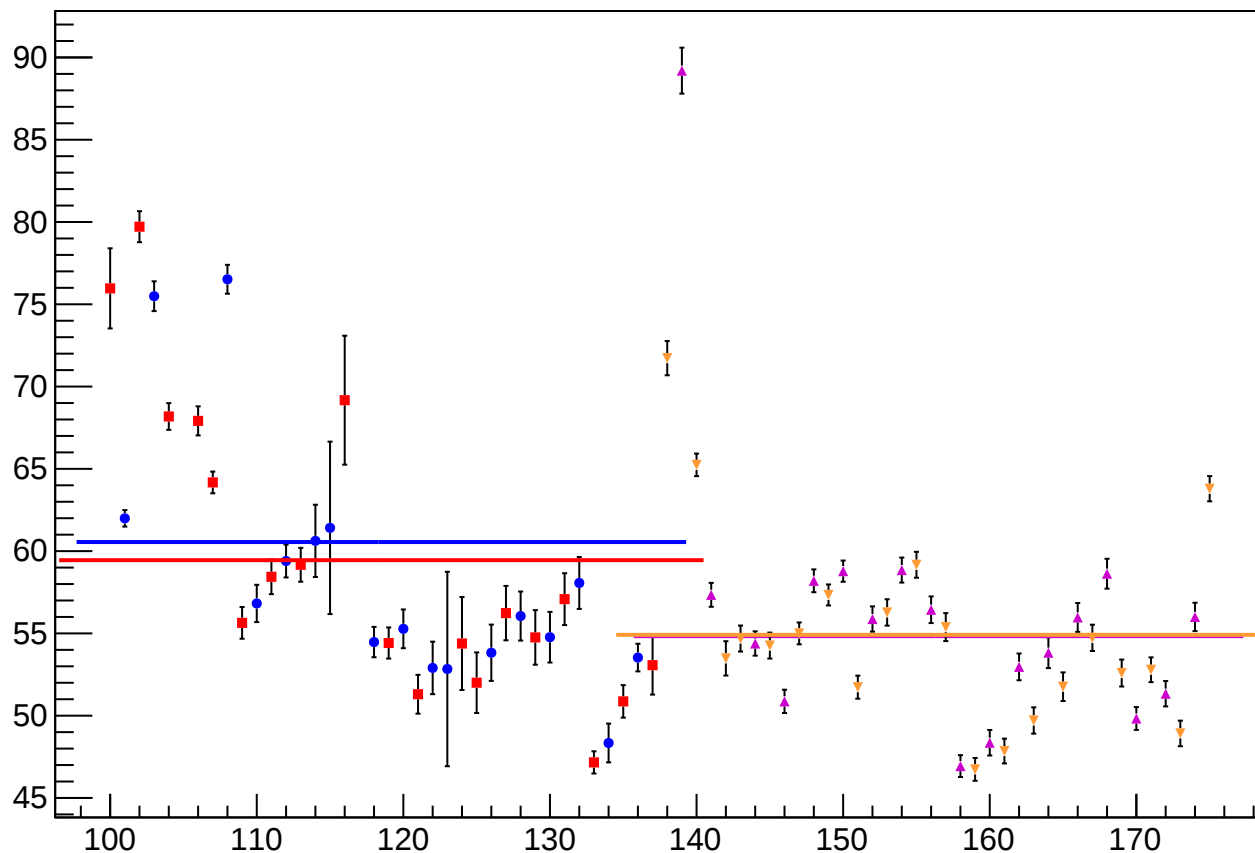
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.031+/-0.232 χ^2/NDF :1945.2/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.858+/-0.240 χ^2/NDF :909.7/17

Left: -4.982+/-0.167 χ^2/NDF : 2897.4/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.858+/-0.240 χ^2/NDF :909.7/17
 Out: -6.031+/-0.232 χ^2/NDF :1945.2/19
 All: -4.982+/-0.167 χ^2/NDF : 2897.4/37

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 54.912 ± 0.173 $\chi^2/\text{NDF}: 1049.1/19$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 54.834 ± 0.183 $\chi^2/\text{NDF}: 1056.0/17$

Left: 54.875 ± 0.126 $\chi^2/\text{NDF}: 2105.2/37$

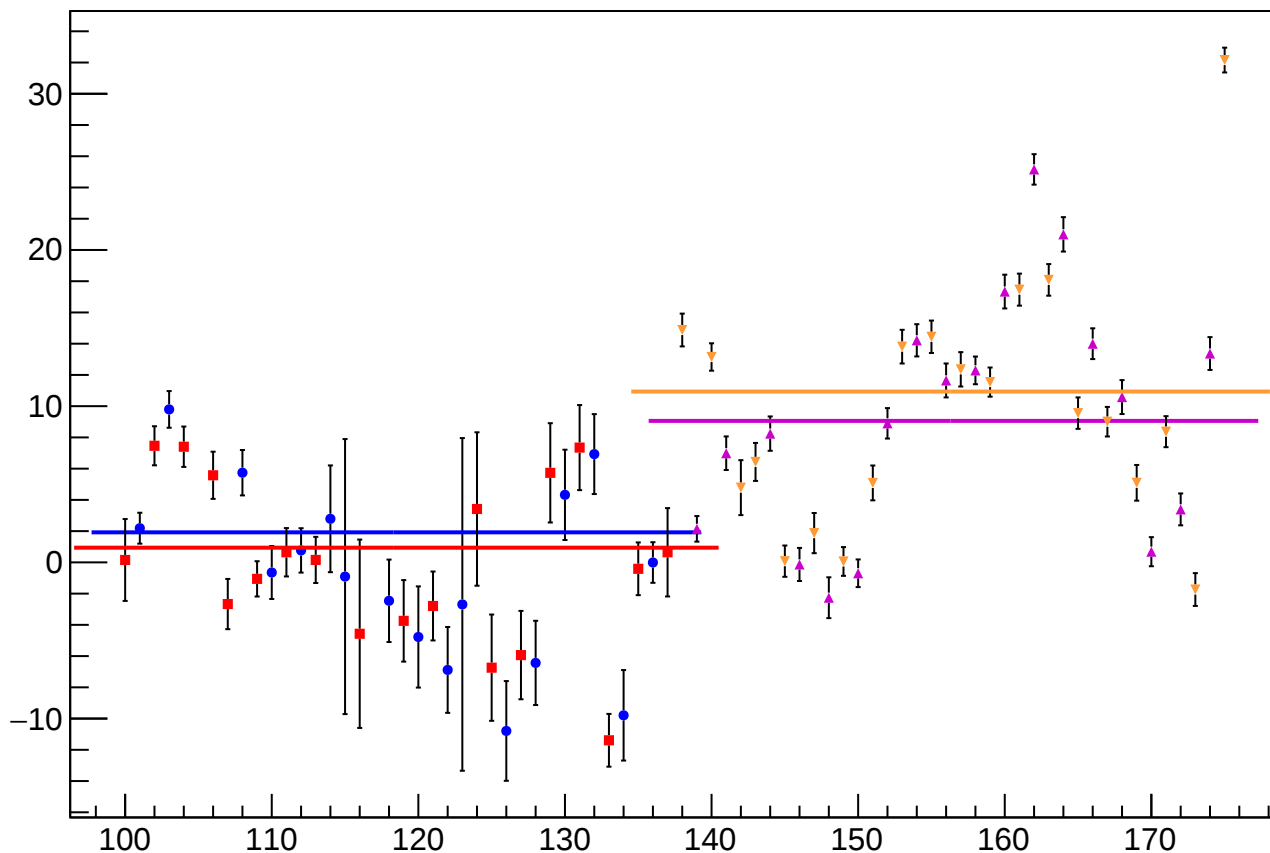
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 56.710 ± 0.150 $\chi^2/\text{NDF}: 2307.6/34$

Out: 56.401 ± 0.142 $\chi^2/\text{NDF}: 2595.9/38$

All: 56.547 ± 0.103 $\chi^2/\text{NDF}: 4905.7/73$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 10.935 ± 0.230 $\chi^2/\text{NDF}: 1391.6/19$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 9.058 ± 0.238 $\chi^2/\text{NDF}: 995.5/17$

Left: 10.027 ± 0.165 $\chi^2/\text{NDF}: 2419.2/37$

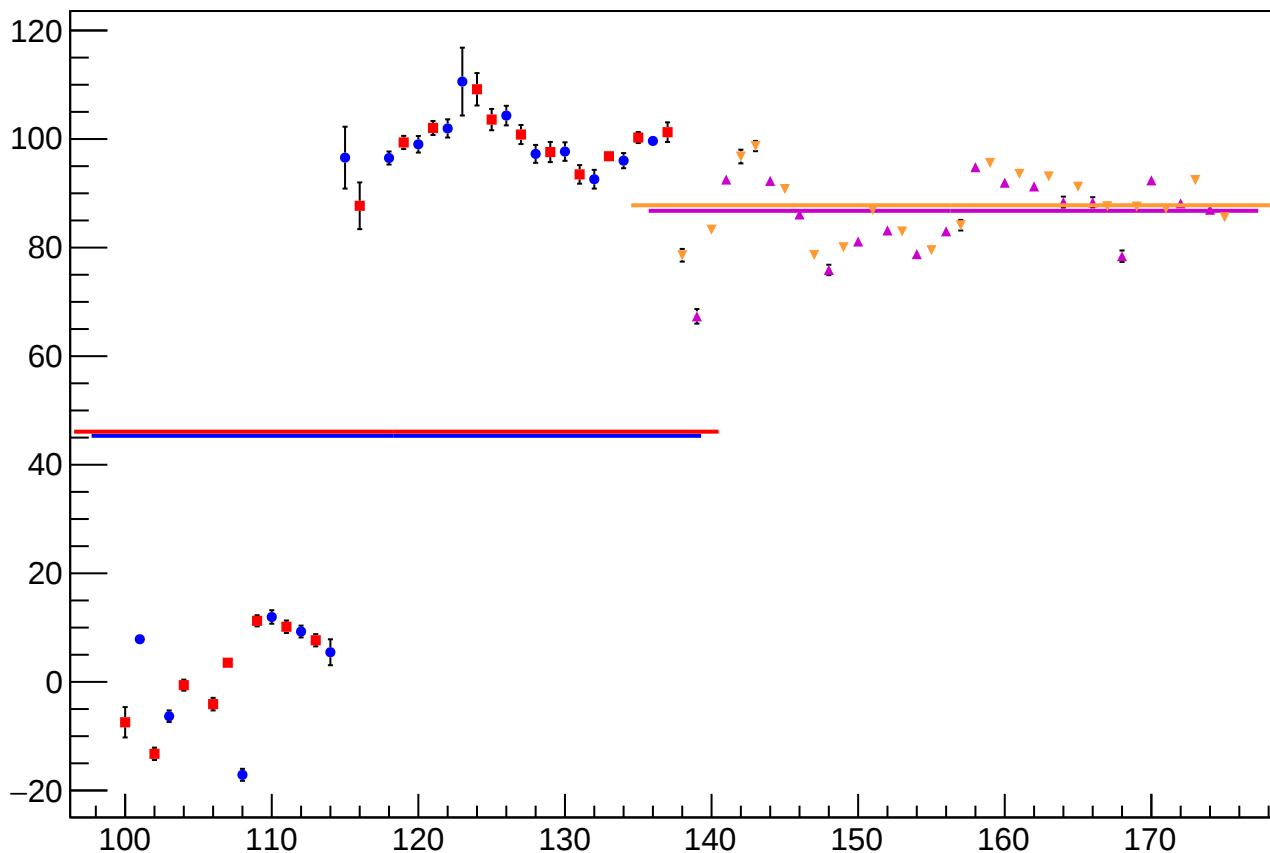
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 7.544 ± 0.211 $\chi^2/\text{NDF}: 1307.5/34$

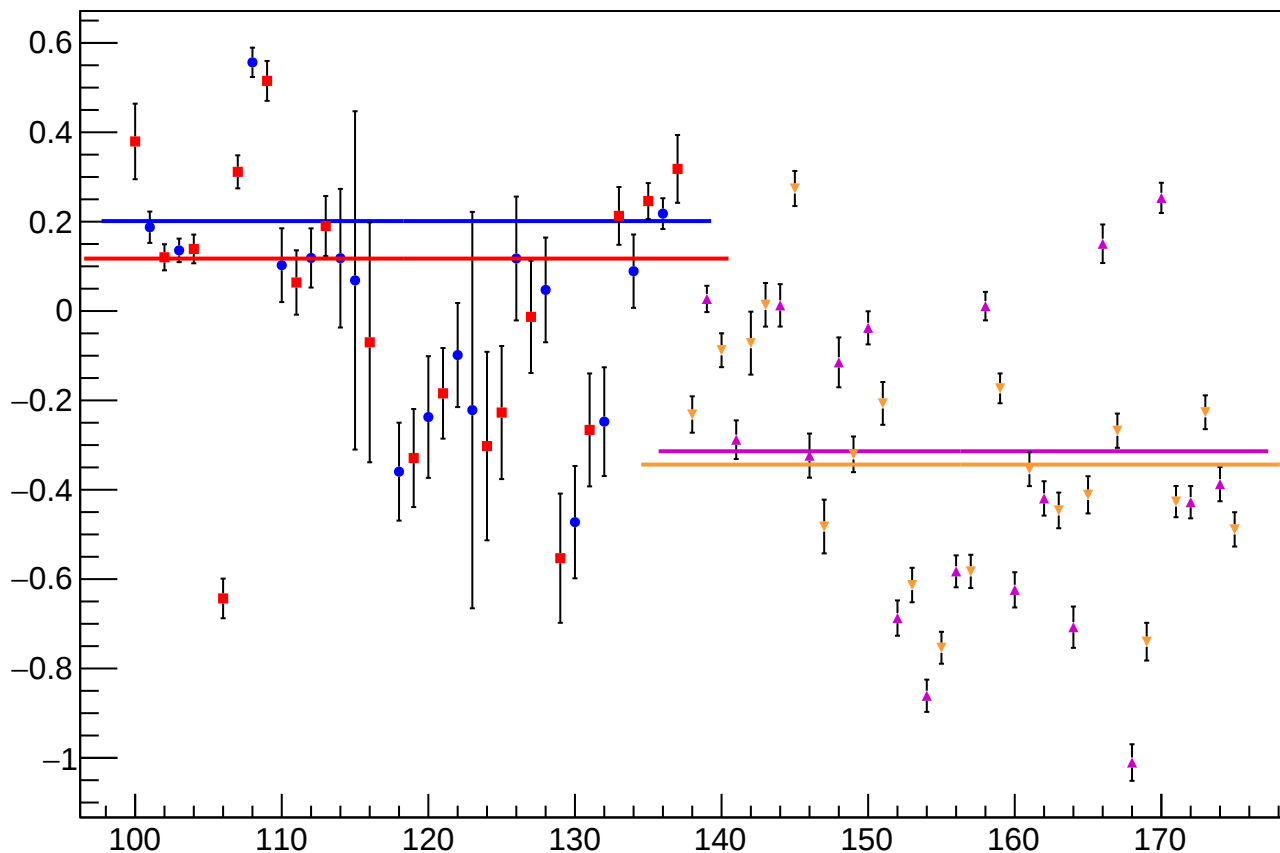
Out: 8.659 ± 0.202 $\chi^2/\text{NDF}: 1970.8/38$

All: 8.125 ± 0.146 $\chi^2/\text{NDF}: 3292.9/73$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.344 ± 0.009 χ^2/NDF : 762.1/19

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.314 ± 0.009 χ^2/NDF : 1572.5/17

Left: -0.329 ± 0.006 χ^2/NDF : 2340.0/37

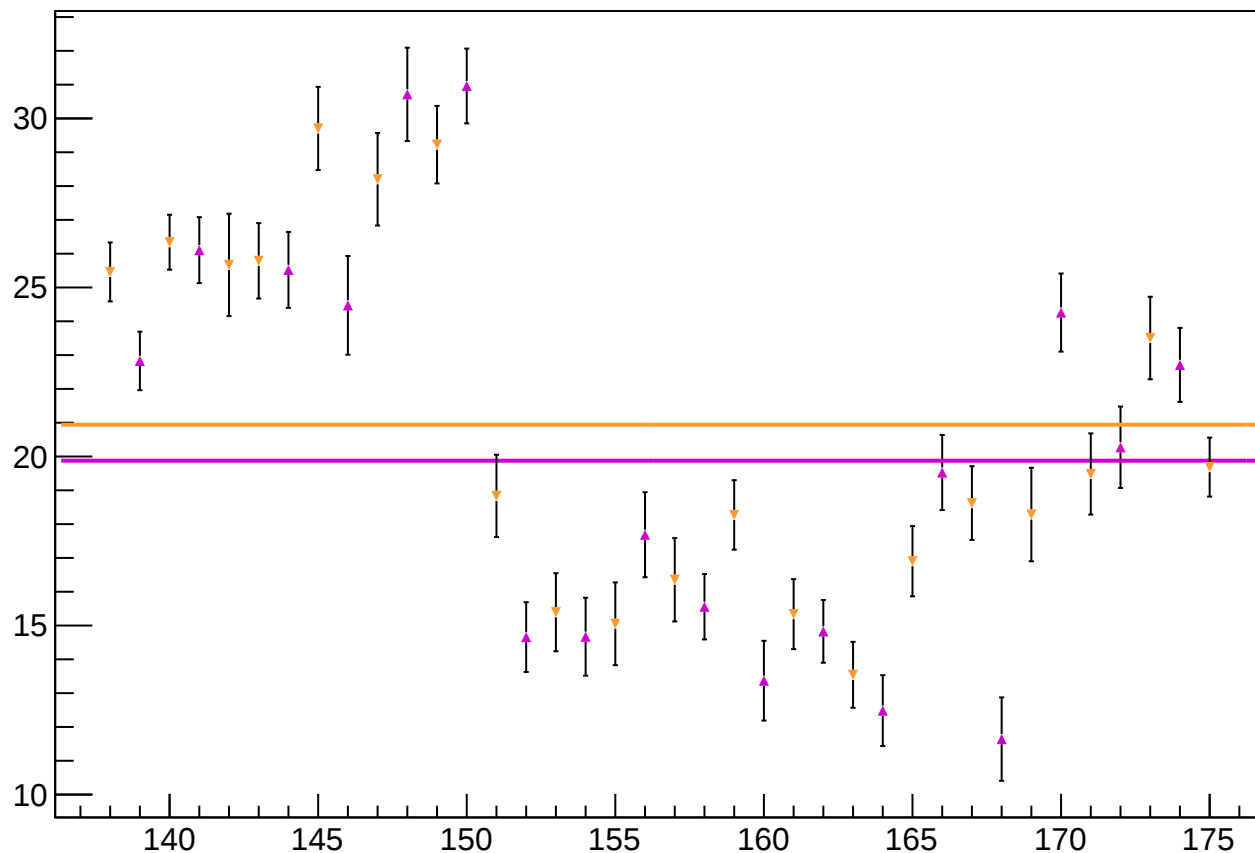
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.161 ± 0.008 χ^2/NDF : 2736.3/34

Out: -0.194 ± 0.007 χ^2/NDF : 2109.7/38

All: -0.178 ± 0.005 χ^2/NDF : 4855.7/73

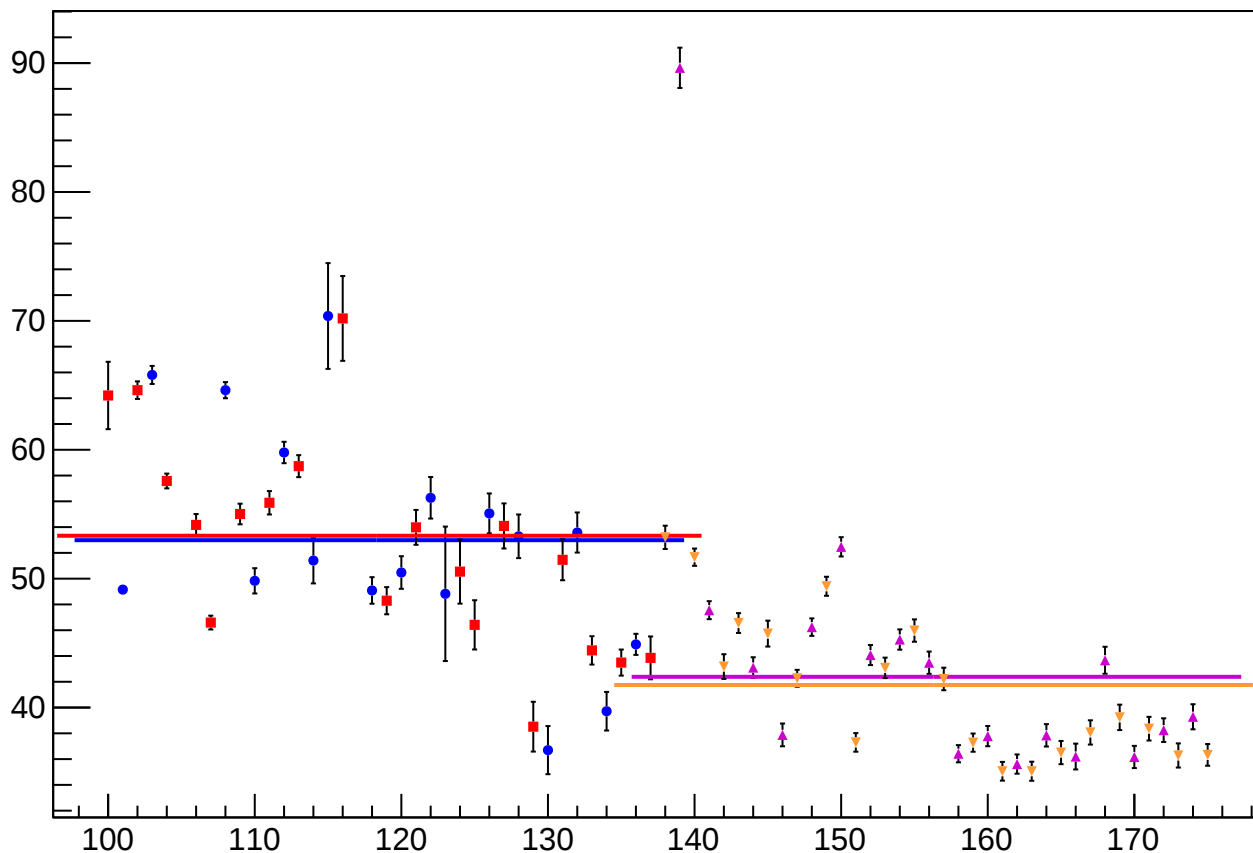
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.941 $\pm$ 0.245 χ^2 /NDF:418.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.877 $\pm$ 0.259 χ^2 /NDF:494.3/17

Left: 20.438 $\pm$ 0.178 χ^2 /NDF: 922.0/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.877 $\pm$ 0.259 χ^2 /NDF:494.3/17
 Out: 20.941 $\pm$ 0.245 χ^2 /NDF:418.8/19
 All: 20.438 $\pm$ 0.178 χ^2 /NDF: 922.0/37

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 41.749 $\pm$ 0.181 χ^2 /NDF: 961.1/19

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 42.385 $\pm$ 0.195 χ^2 /NDF: 1575.0/17

Left: 42.044 $\pm$ 0.133 χ^2 /NDF: 2541.8/37

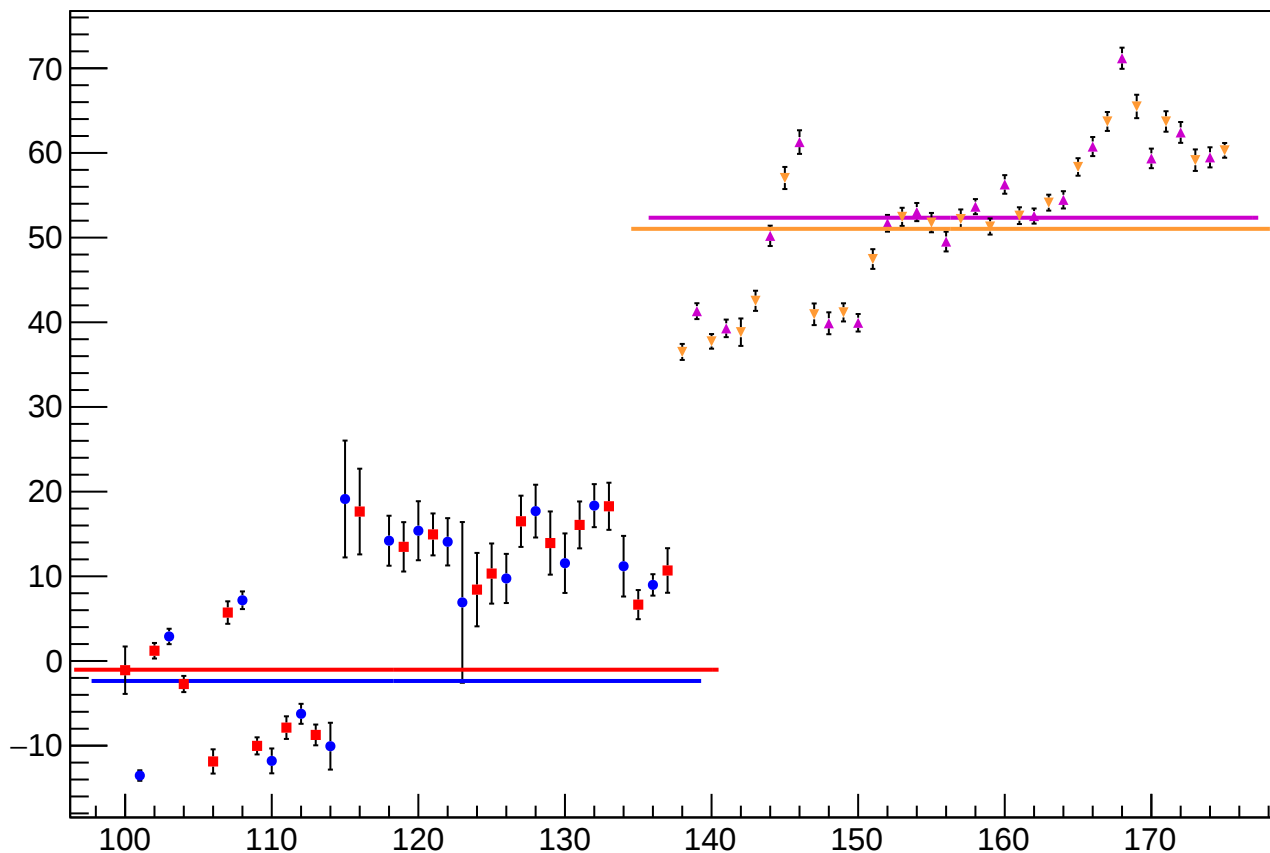
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 47.281 $\pm$ 0.143 χ^2 /NDF: 4139.9/34

Out: 46.277 $\pm$ 0.142 χ^2 /NDF: 3427.0/38

All: 46.774 $\pm$ 0.101 χ^2 /NDF: 7591.8/73

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 51.037 ± 0.243 χ^2/NDF : 1326.8/19

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 52.347 ± 0.256 χ^2/NDF : 1027.3/17

Left: 51.659 ± 0.176 χ^2/NDF : 2367.9/37

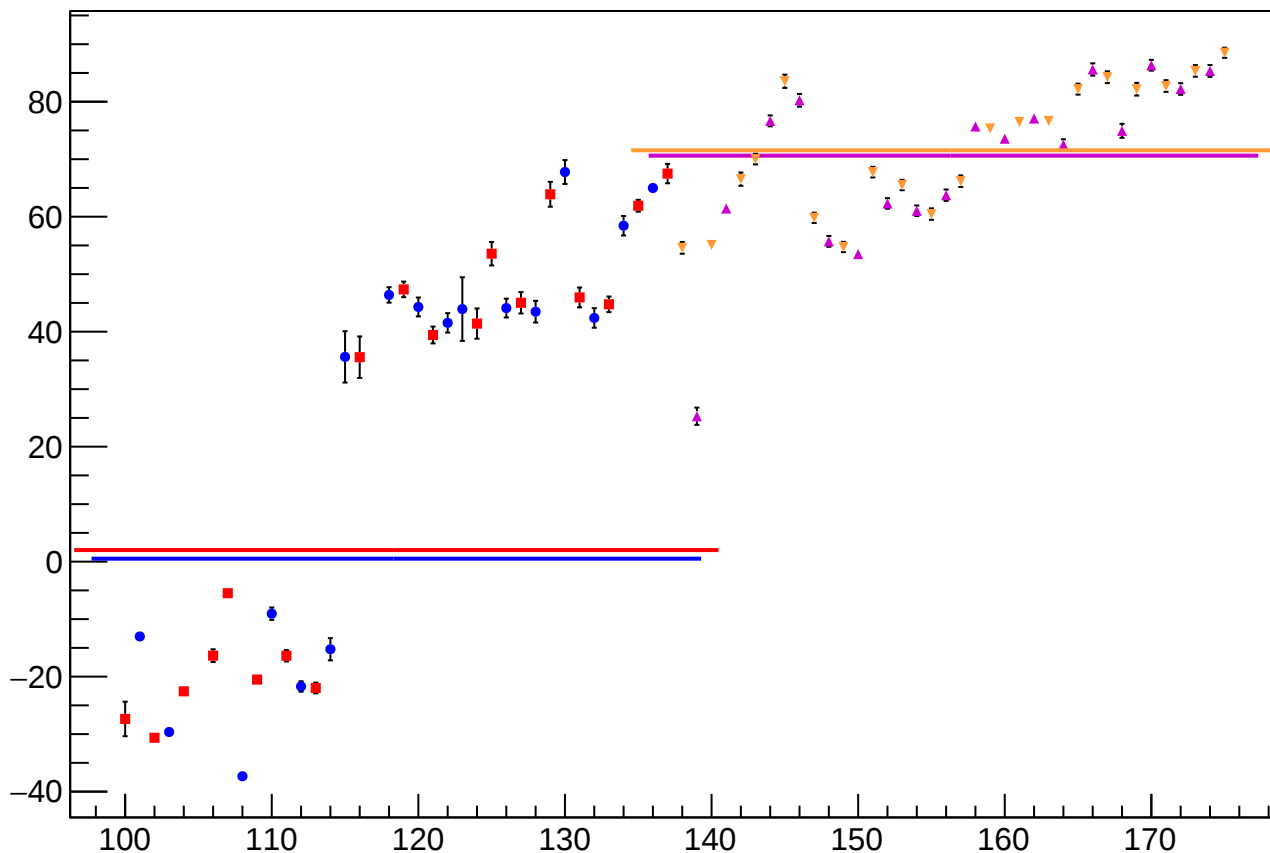
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 34.271 ± 0.209 χ^2/NDF : 16978.9/34

Out: 35.724 ± 0.204 χ^2/NDF : 15313.0/38

All: 35.015 ± 0.146 χ^2/NDF : 32316.6/73

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 71.545 $\pm$ 0.207 χ^2 /NDF:2718.0/19

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 70.615 $\pm$ 0.221 χ^2 /NDF:2991.3/17

Left: 71.110 $\pm$ 0.151 χ^2 /NDF: 5718.7/37

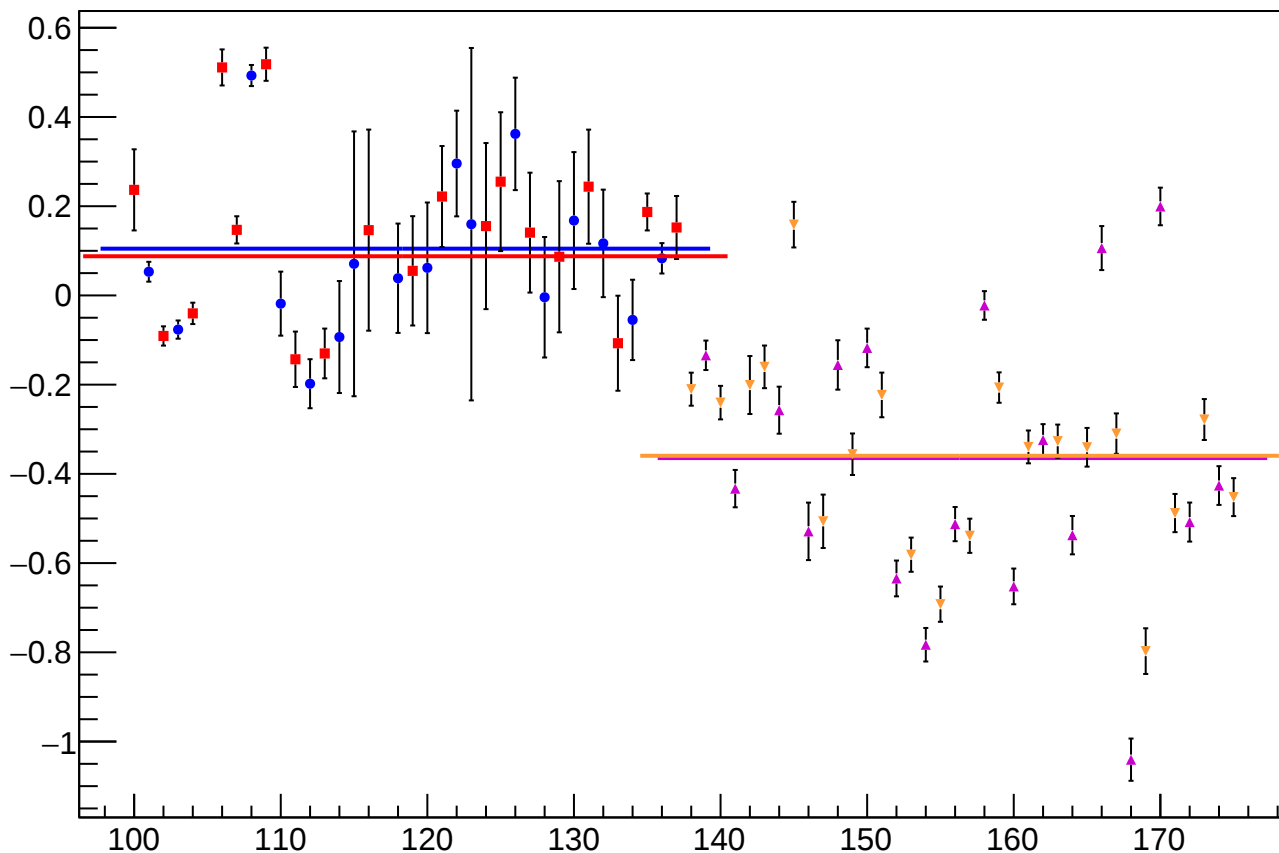
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 39.474 $\pm$ 0.165 χ^2 /NDF:66163.1/34

Out: 45.313 $\pm$ 0.164 χ^2 /NDF:60632.6/38

All: 42.411 $\pm$ 0.116 χ^2 /NDF: 127428.9/73

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.359 ± 0.010 $\chi^2/\text{NDF}: 404.7/19$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.365 ± 0.010 $\chi^2/\text{NDF}: 962.3/17$

Left: -0.362 ± 0.007 $\chi^2/\text{NDF}: 1367.1/37$

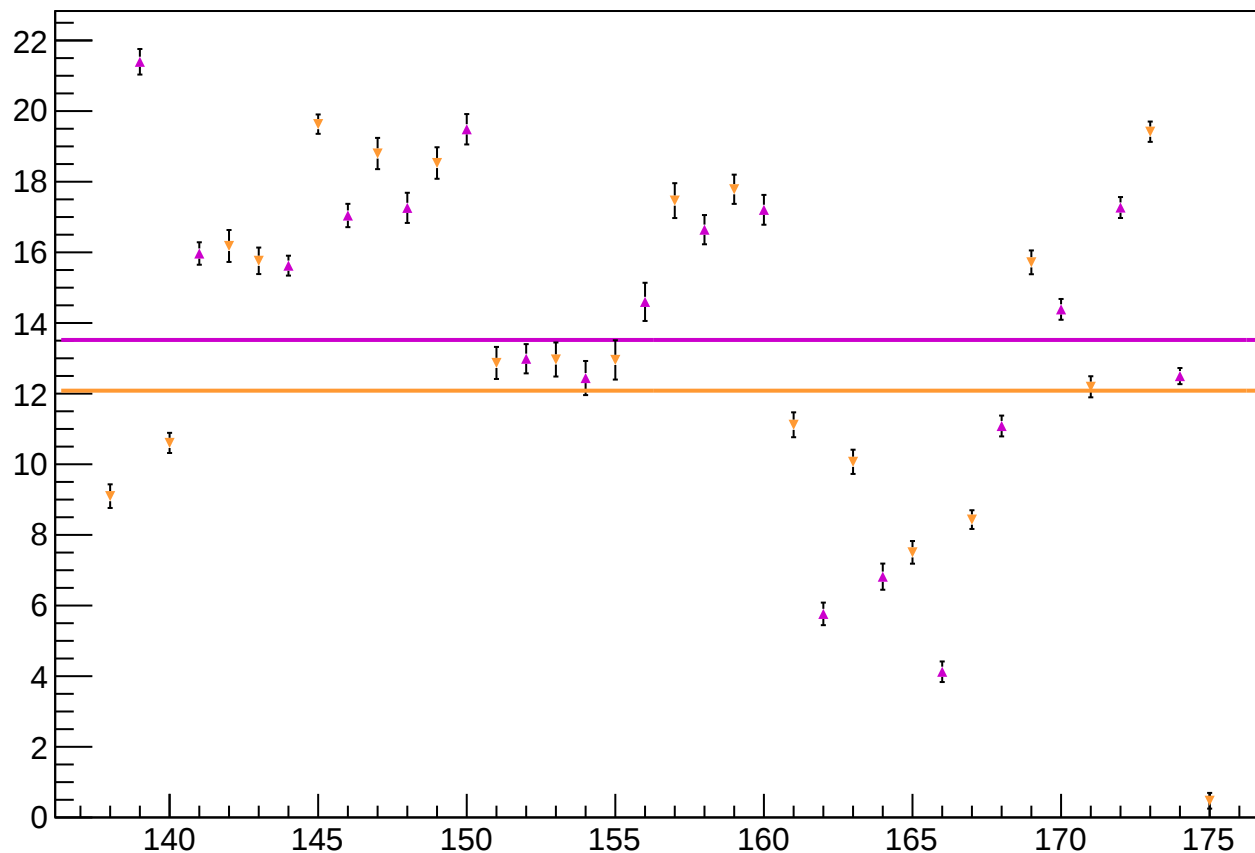
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.157 ± 0.007 $\chi^2/\text{NDF}: 2372.6/34$

Out: -0.167 ± 0.007 $\chi^2/\text{NDF}: 1737.2/38$

All: -0.162 ± 0.005 $\chi^2/\text{NDF}: 4110.7/73$

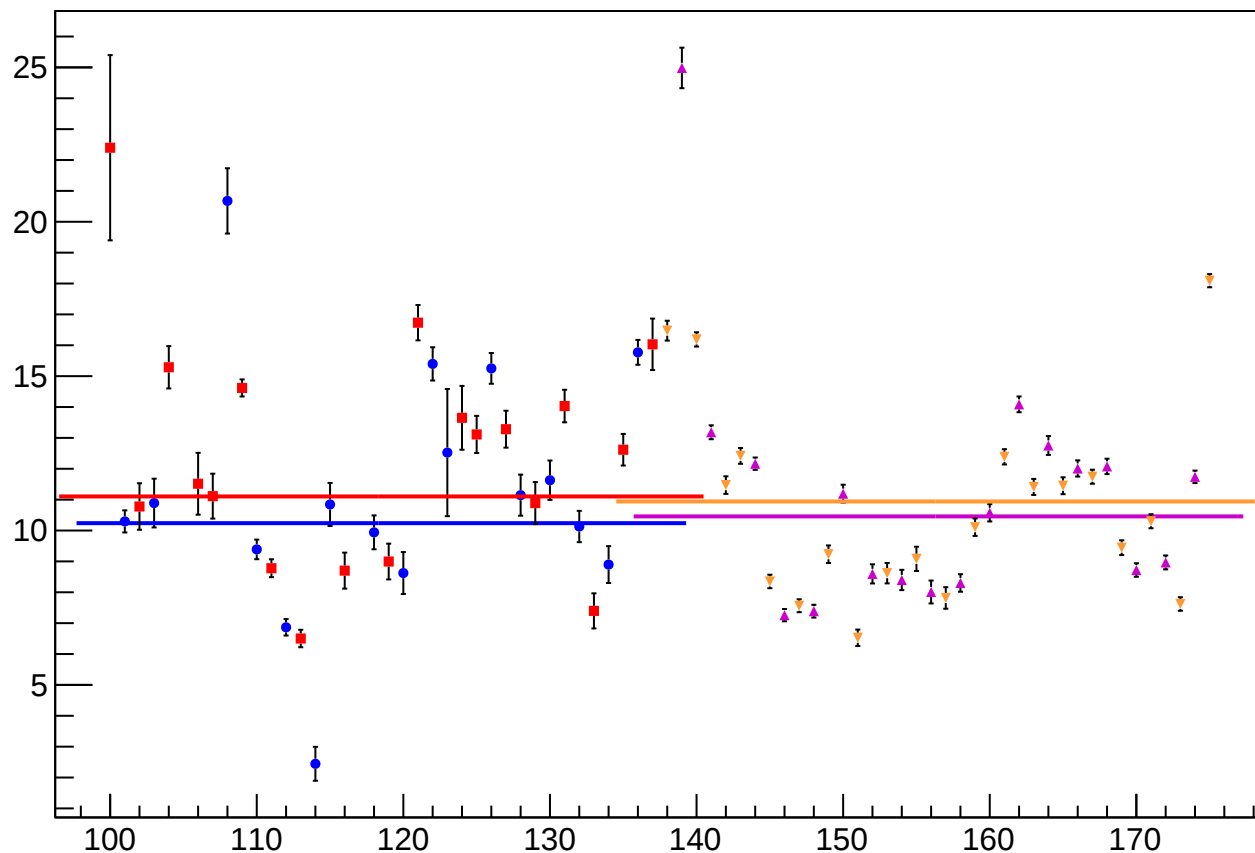
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 12.084+/-0.076 χ^2/NDF : 5728.1/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.520+/-0.080 χ^2/NDF : 3329.2/17

Left: 12.771+/-0.055 χ^2/NDF : 9226.8/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.520+/-0.080 χ^2/NDF : 3329.2/17
 Out: 12.084+/-0.076 χ^2/NDF : 5728.1/19
 All: 12.771+/-0.055 χ^2/NDF : 9226.8/37

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.941+/-0.057 χ^2/NDF : 3174.9/19

Right Out: 11.104+/-0.116 χ^2/NDF : 815.2/18

Left In: 10.457+/-0.060 χ^2/NDF : 1852.9/17

Left: 10.709+/-0.041 χ^2/NDF : 5062.2/37

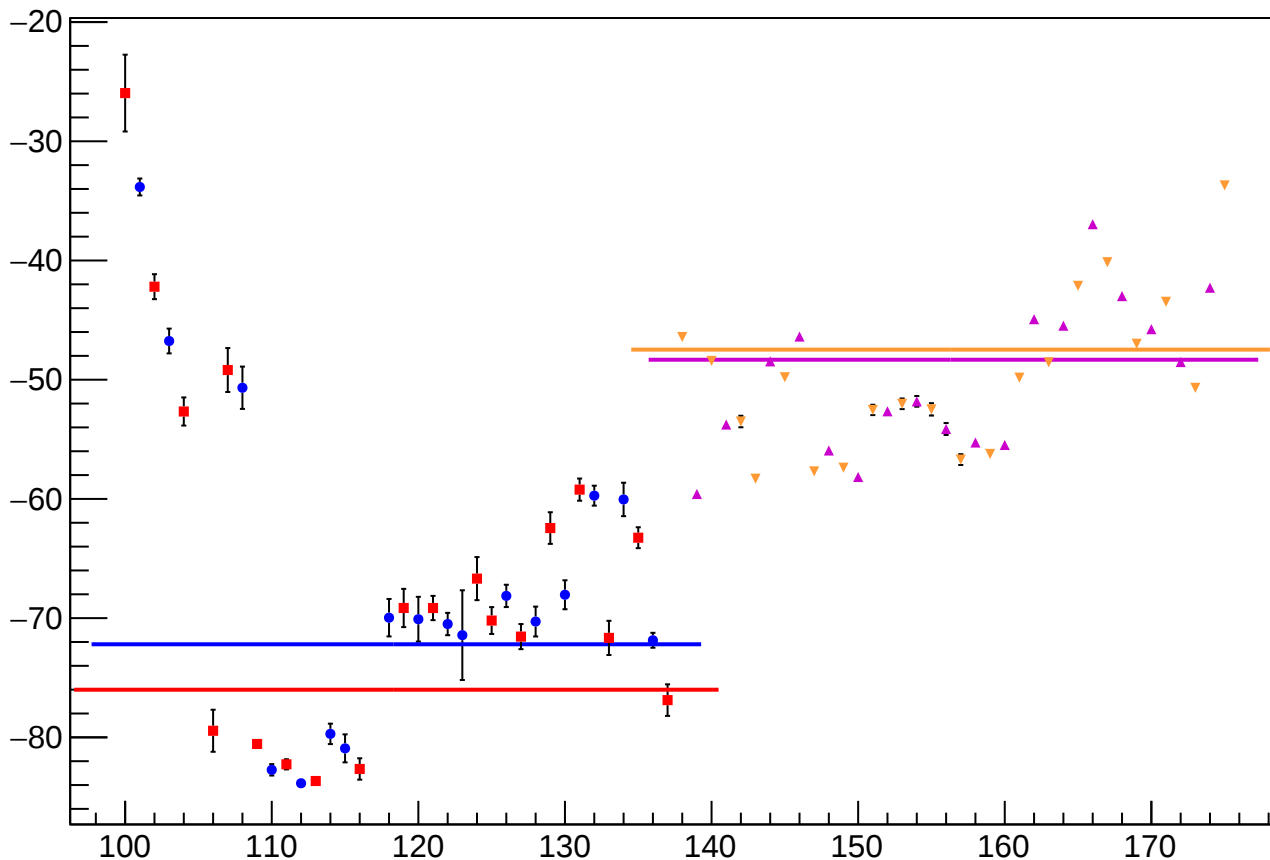
Right: 10.681+/-0.083 χ^2/NDF : 1709.6/35

In: 10.414+/-0.053 χ^2/NDF : 2723.1/34

Out: 10.973+/-0.051 χ^2/NDF : 3991.7/38

All: 10.704+/-0.037 χ^2/NDF : 6771.9/73

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 $\pm$ 0.198 χ^2 /NDF: 5563.0/16

Left Out: -47.475 $\pm$ 0.077 χ^2 /NDF: 8587.3/19

Right Out: -76.003 $\pm$ 0.181 χ^2 /NDF: 3465.3/18

Left In: -48.324 $\pm$ 0.080 χ^2 /NDF: 5705.9/17

Left: -47.882 $\pm$ 0.055 χ^2 /NDF: 14352.1/37

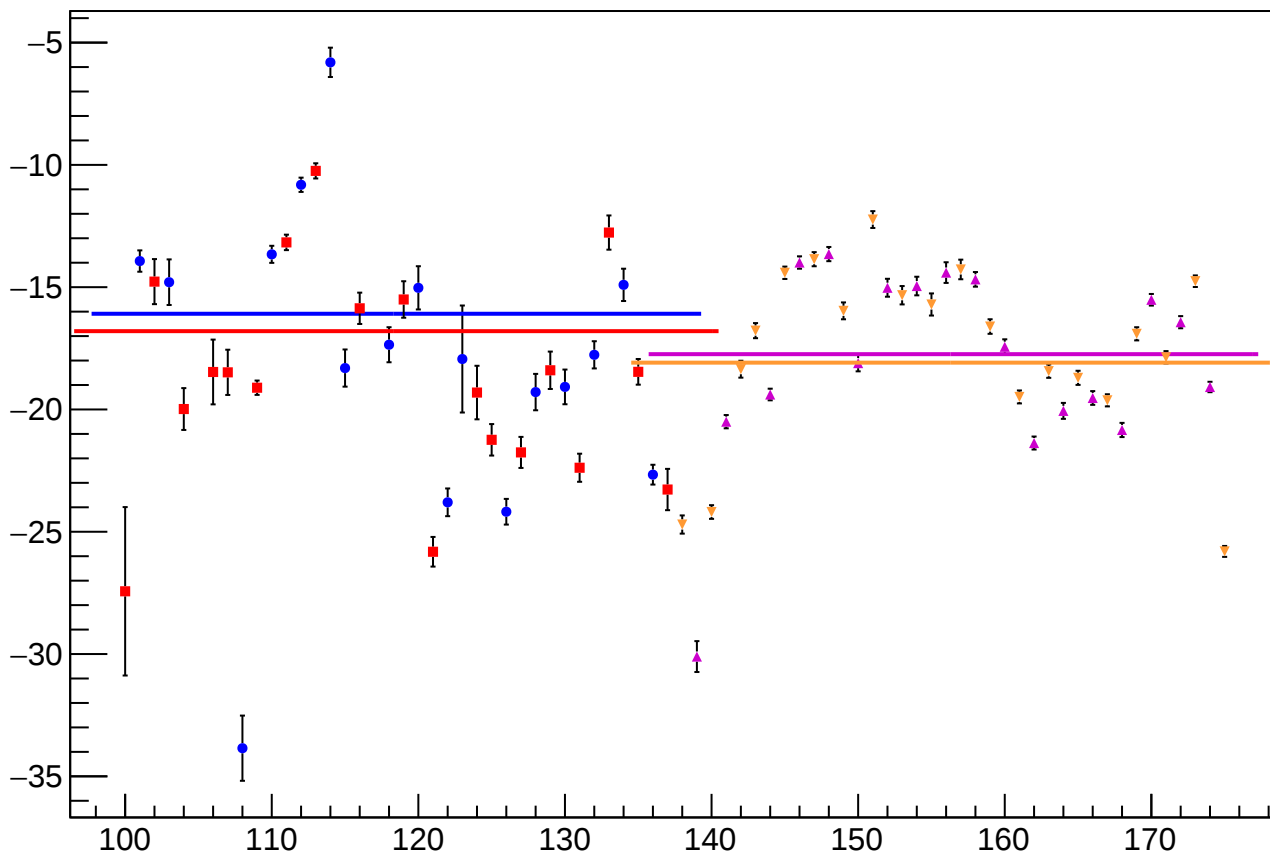
Right: -74.270 $\pm$ 0.134 χ^2 /NDF: 9230.0/35

In: -51.659 $\pm$ 0.074 χ^2 /NDF: 23752.8/34

Out: -51.811 $\pm$ 0.071 χ^2 /NDF: 33131.1/38

All: -51.739 $\pm$ 0.051 χ^2 /NDF: 56886.1/73

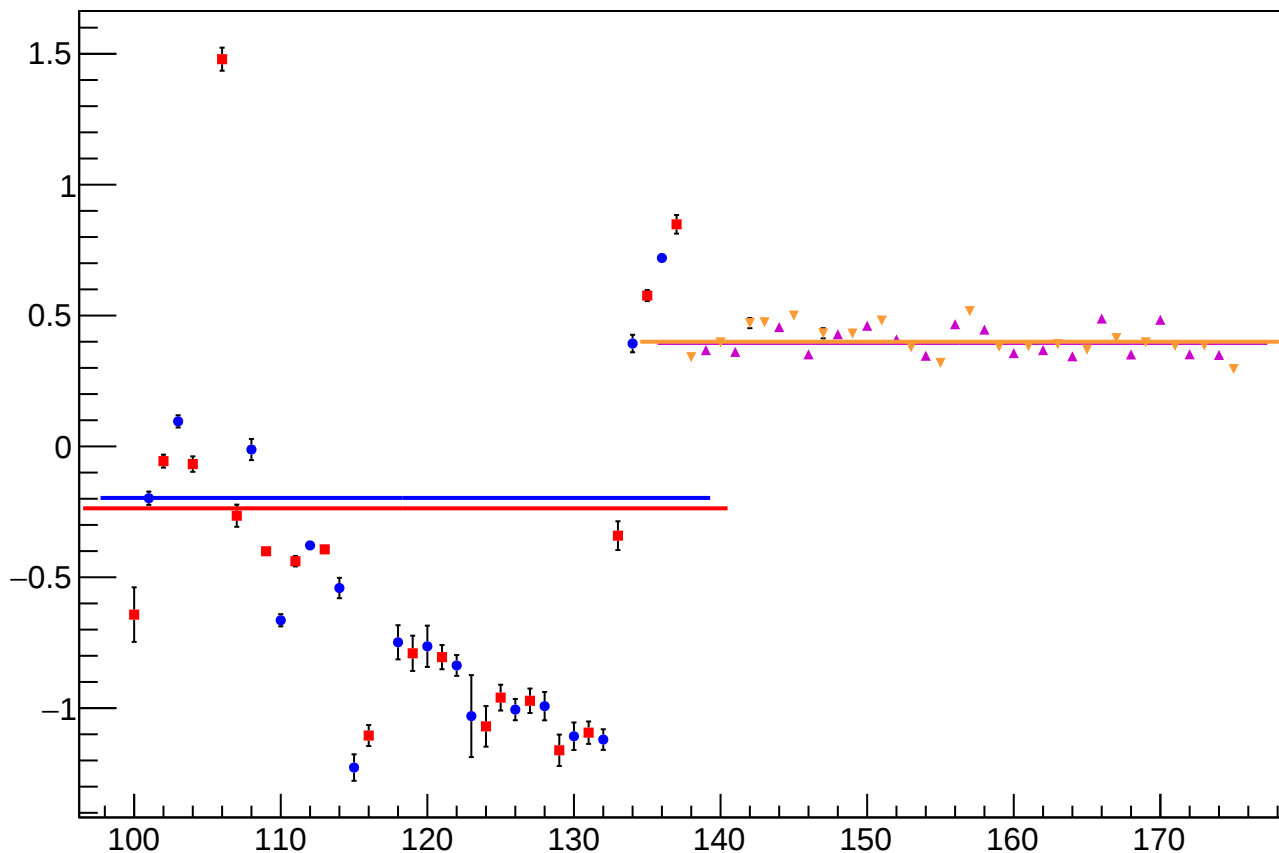
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 $\pm$ 0.132 χ^2/NDF : 1621.7/16
 Left Out: -18.086 $\pm$ 0.065 χ^2/NDF :3241.2/19
 Right Out: -16.798 $\pm$ 0.128 χ^2/NDF : 1214.0/18
 Left In: -17.739 $\pm$ 0.068 χ^2/NDF :1776.6/17

Left: -17.920 $\pm$ 0.047 χ^2/NDF : 5031.4/37
 Right: -16.454 $\pm$ 0.092 χ^2/NDF : 2850.6/35
 In: -17.394 $\pm$ 0.061 χ^2/NDF :3521.5/34
 Out: -17.821 $\pm$ 0.058 χ^2/NDF :4535.5/38
 All: -17.617 $\pm$ 0.042 χ^2/NDF : 8083.0/73

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.400 ± 0.003 χ^2/NDF : 342.4/19

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.395 ± 0.003 χ^2/NDF : 301.3/17

Left: 0.398 ± 0.002 χ^2/NDF : 644.8/37

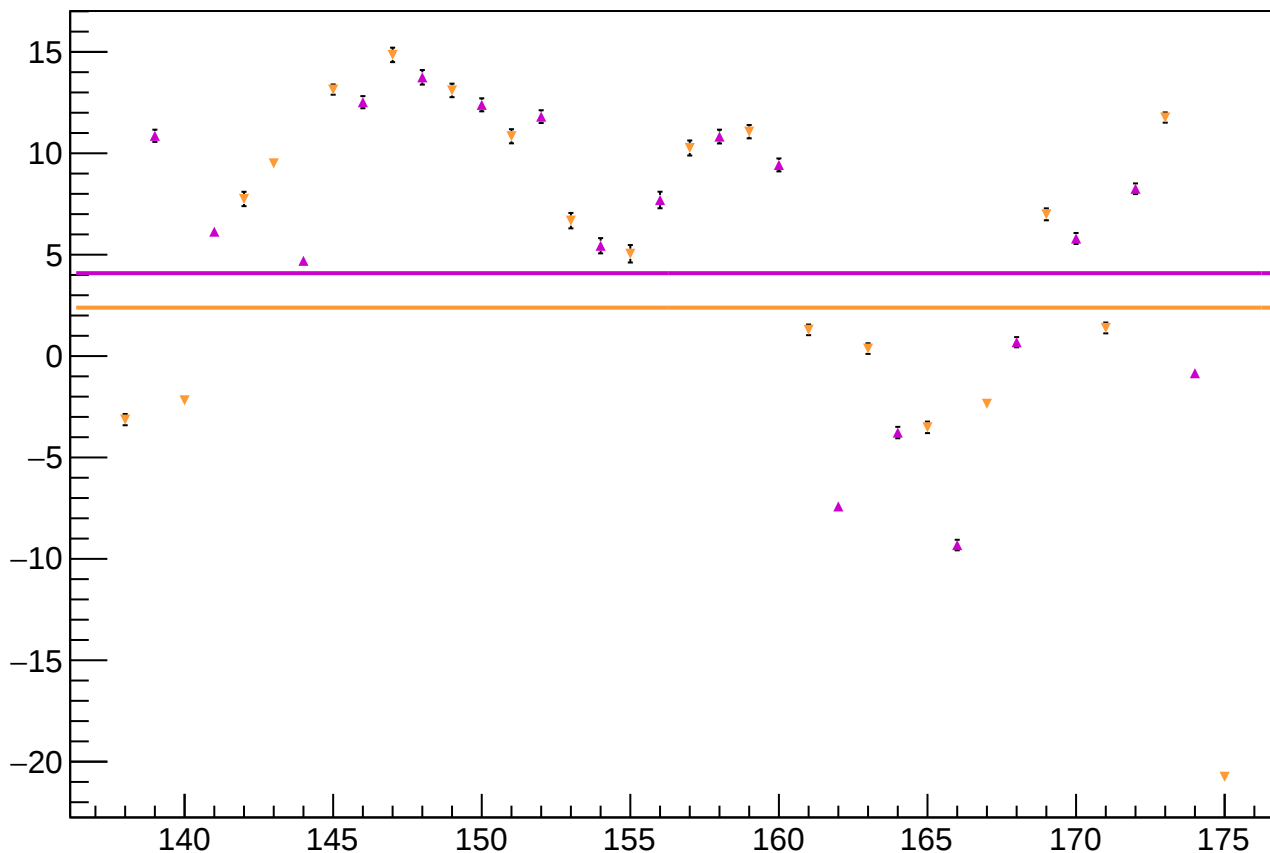
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.310 ± 0.003 χ^2/NDF : 11898.5/34

Out: 0.303 ± 0.003 χ^2/NDF : 13243.4/38

All: 0.306 ± 0.002 χ^2/NDF : 25144.6/73

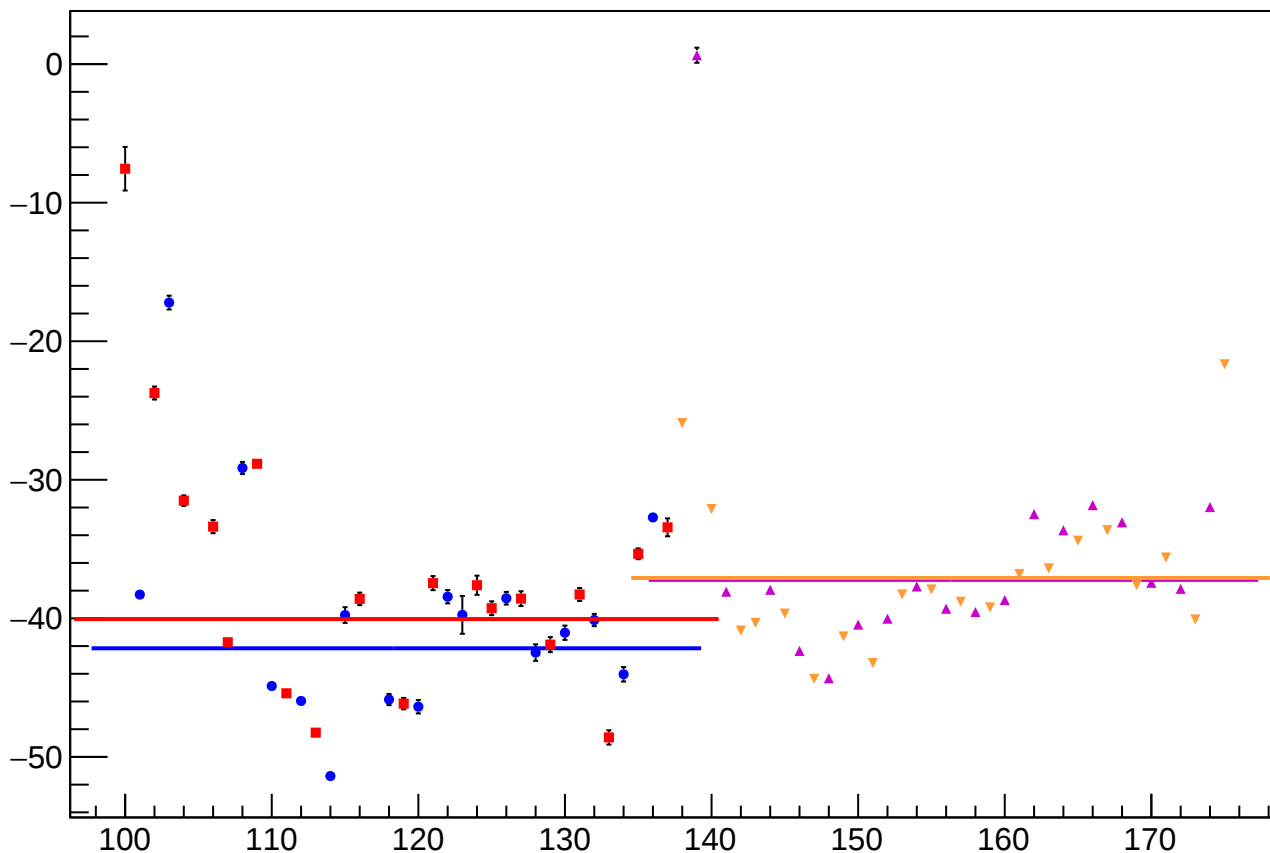
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.389 $\pm$ 0.063 χ^2 /NDF:24130.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.089 $\pm$ 0.066 χ^2 /NDF:10893.7/17

Left: 3.193 $\pm$ 0.046 χ^2 /NDF: 35371.5/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.089 $\pm$ 0.066 χ^2 /NDF:10893.7/17
 Out: 2.389 $\pm$ 0.063 χ^2 /NDF:24130.6/19
 All: 3.193 $\pm$ 0.046 χ^2 /NDF: 35371.5/37

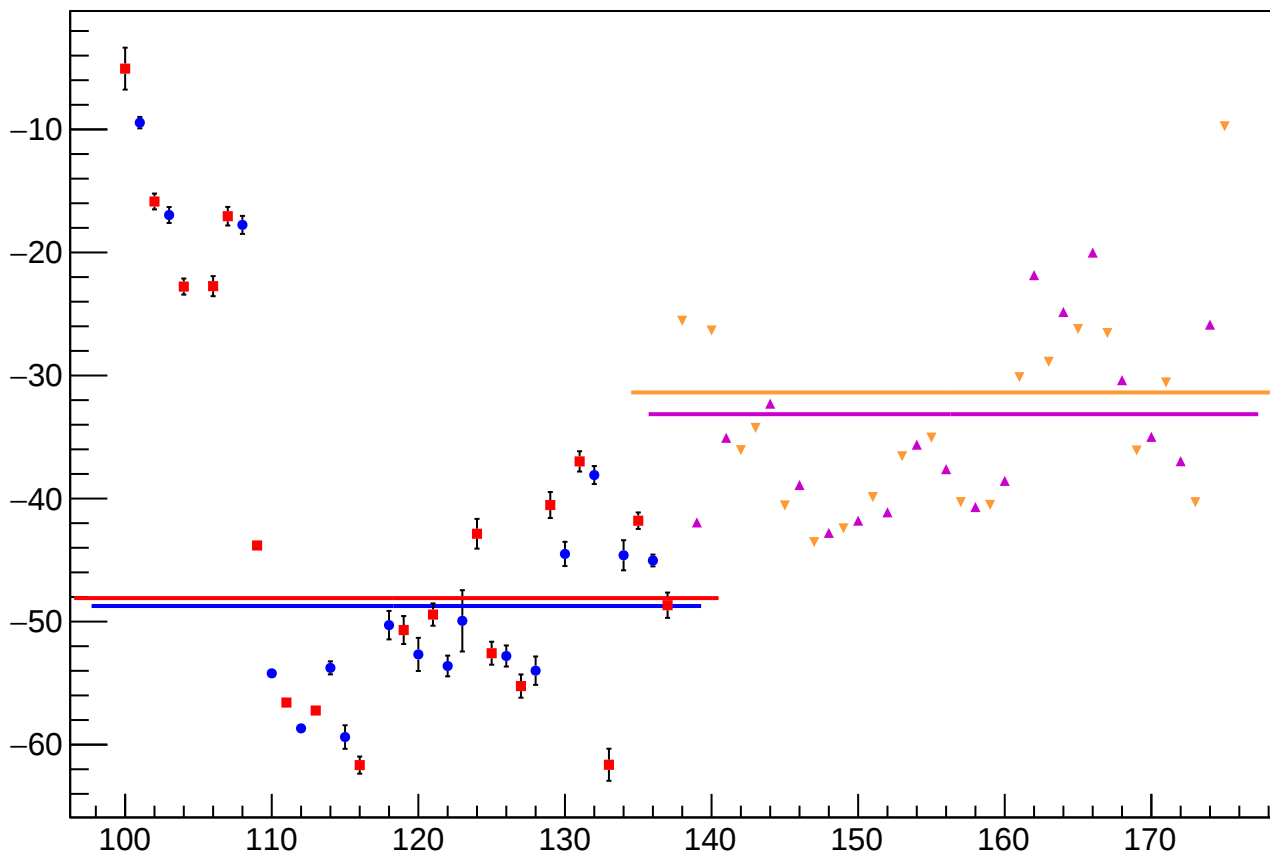
reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 $\pm$ 0.078 χ^2/NDF : 6570.6/16
 Left Out: -37.085 $\pm$ 0.047 χ^2/NDF :13931.5/19
 Right Out: -40.050 $\pm$ 0.073 χ^2/NDF : 11311.3/18
 Left In: -37.222 $\pm$ 0.050 χ^2/NDF :10467.7/17

Left: -37.149 $\pm$ 0.034 χ^2/NDF : 24403.2/37
 Right: -41.033 $\pm$ 0.053 χ^2/NDF : 18273.5/35
 In: -38.648 $\pm$ 0.042 χ^2/NDF :19895.0/34
 Out: -37.946 $\pm$ 0.039 χ^2/NDF :26420.8/38
 All: -38.274 $\pm$ 0.029 χ^2/NDF : 46465.3/73

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -31.377 ± 0.063 $\chi^2/\text{NDF}: 21580.4/19$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -33.142 ± 0.066 $\chi^2/\text{NDF}: 11844.4/17$

Left: -32.215 ± 0.046 $\chi^2/\text{NDF}: 33798.8/37$

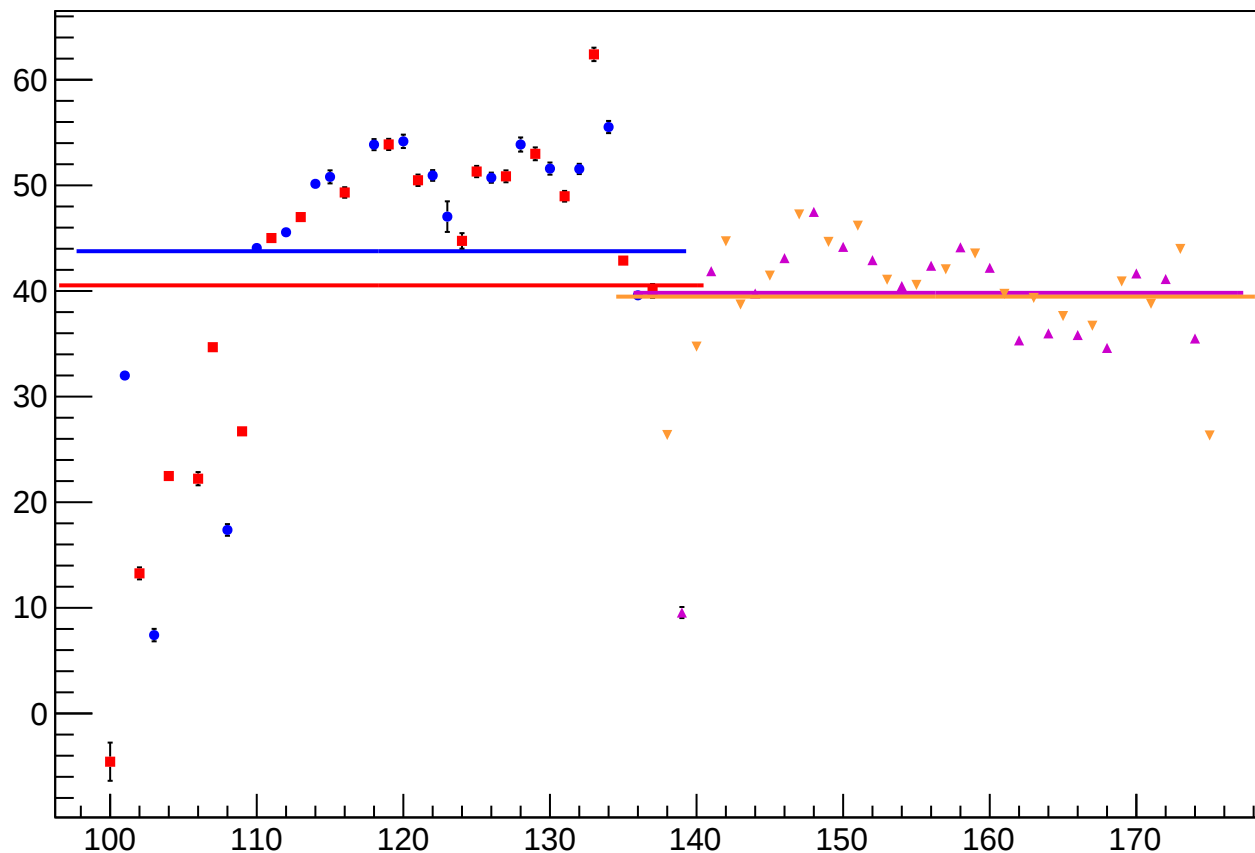
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -36.567 ± 0.058 $\chi^2/\text{NDF}: 38704.8/34$

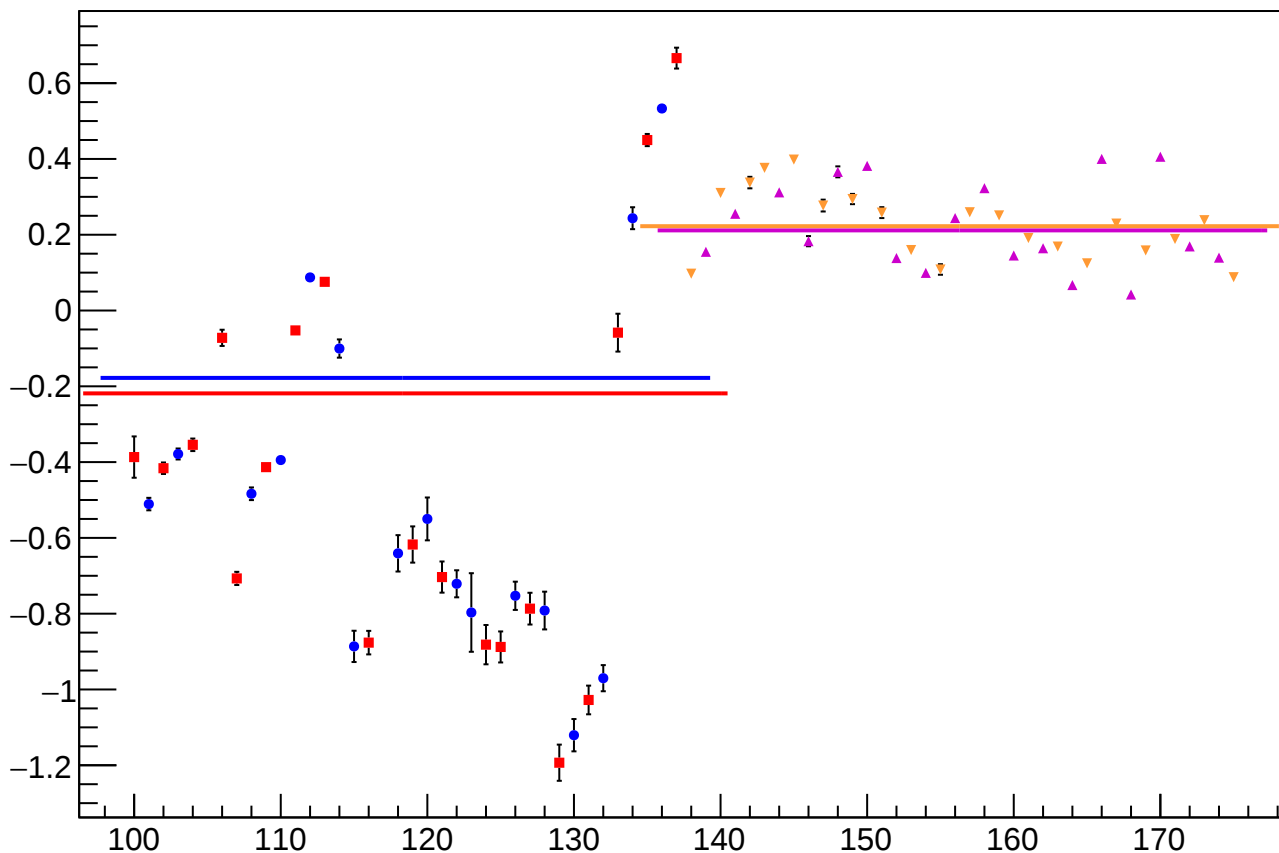
Out: -35.653 ± 0.054 $\chi^2/\text{NDF}: 51390.2/38$

All: -36.076 ± 0.040 $\chi^2/\text{NDF}: 90226.5/73$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.223 ± 0.002 χ^2/NDF : 1252.1/19

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.212 ± 0.003 χ^2/NDF : 1922.6/17

Left: 0.217 ± 0.002 χ^2/NDF : 3184.2/37

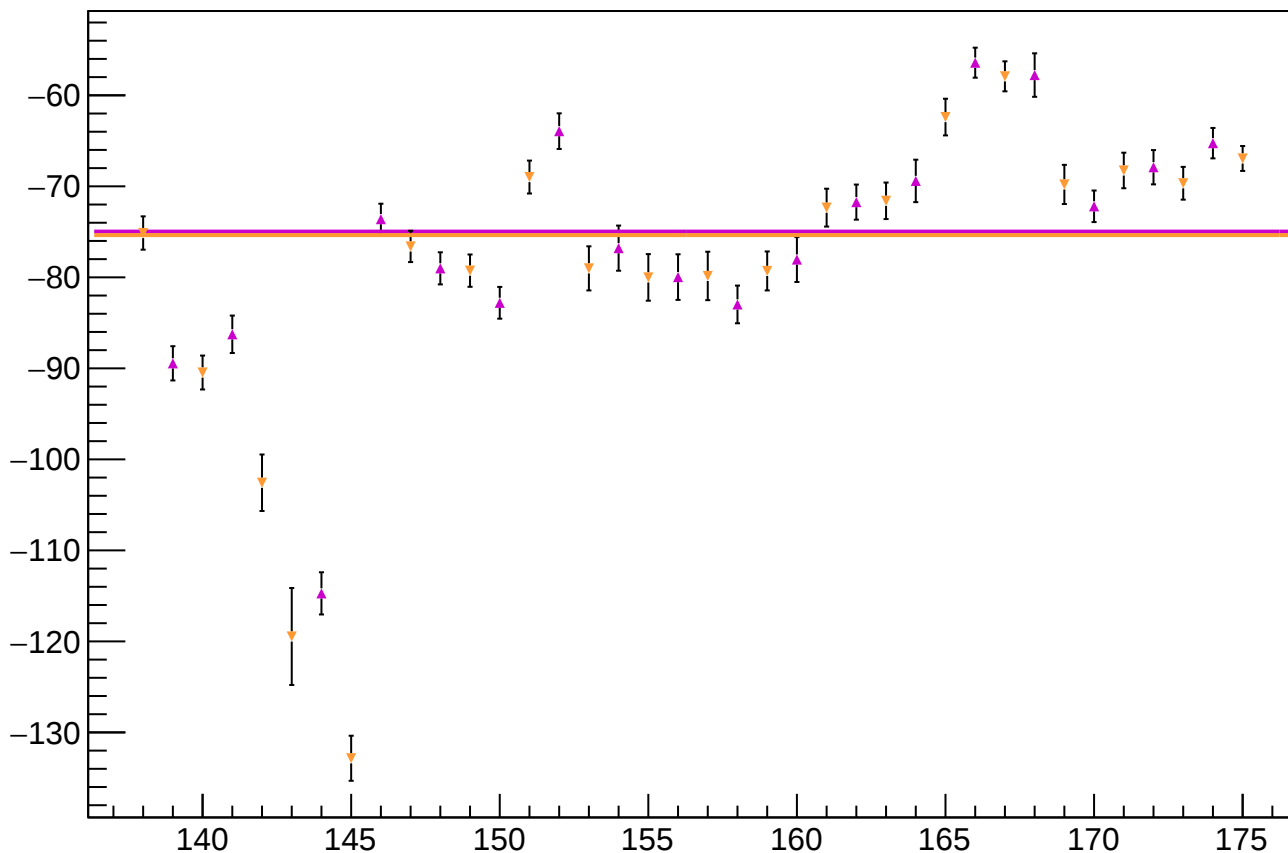
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.126 ± 0.002 χ^2/NDF : 14331.0/34

Out: 0.112 ± 0.002 χ^2/NDF : 16602.9/38

All: 0.119 ± 0.002 χ^2/NDF : 30954.6/73

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



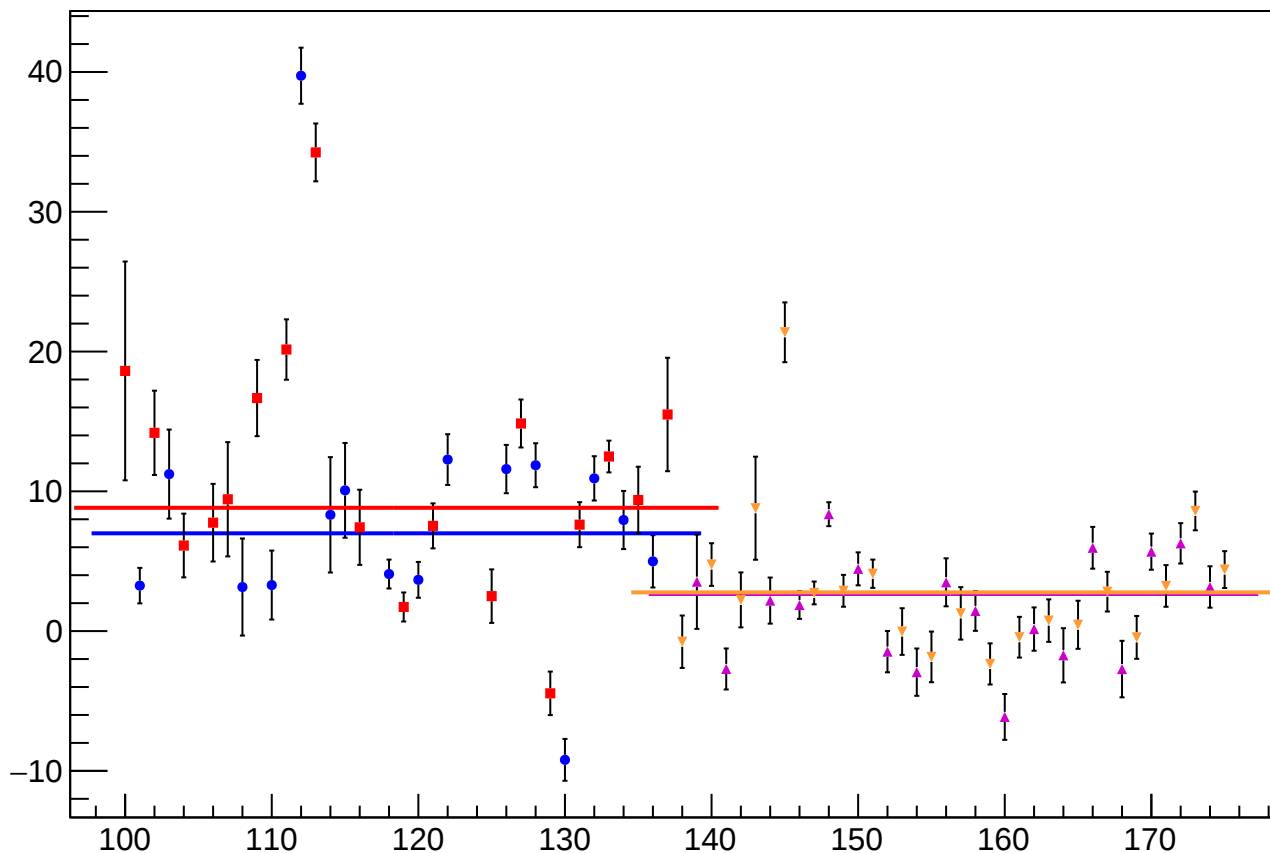
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -75.358+/-0.450 χ^2/NDF :1006.8/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -74.974+/-0.464 χ^2/NDF :699.6/17

Left: -75.172+/-0.323 χ^2/NDF : 1706.8/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.974+/-0.464 χ^2/NDF :699.6/17
 Out: -75.358+/-0.450 χ^2/NDF :1006.8/19

All: -75.172+/-0.323 χ^2/NDF : 1706.8/37

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.772 ± 0.322 $\chi^2/\text{NDF}: 139.5/19$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.655 ± 0.334 $\chi^2/\text{NDF}: 140.9/17$

Left: 2.716 ± 0.232 $\chi^2/\text{NDF}: 280.5/37$

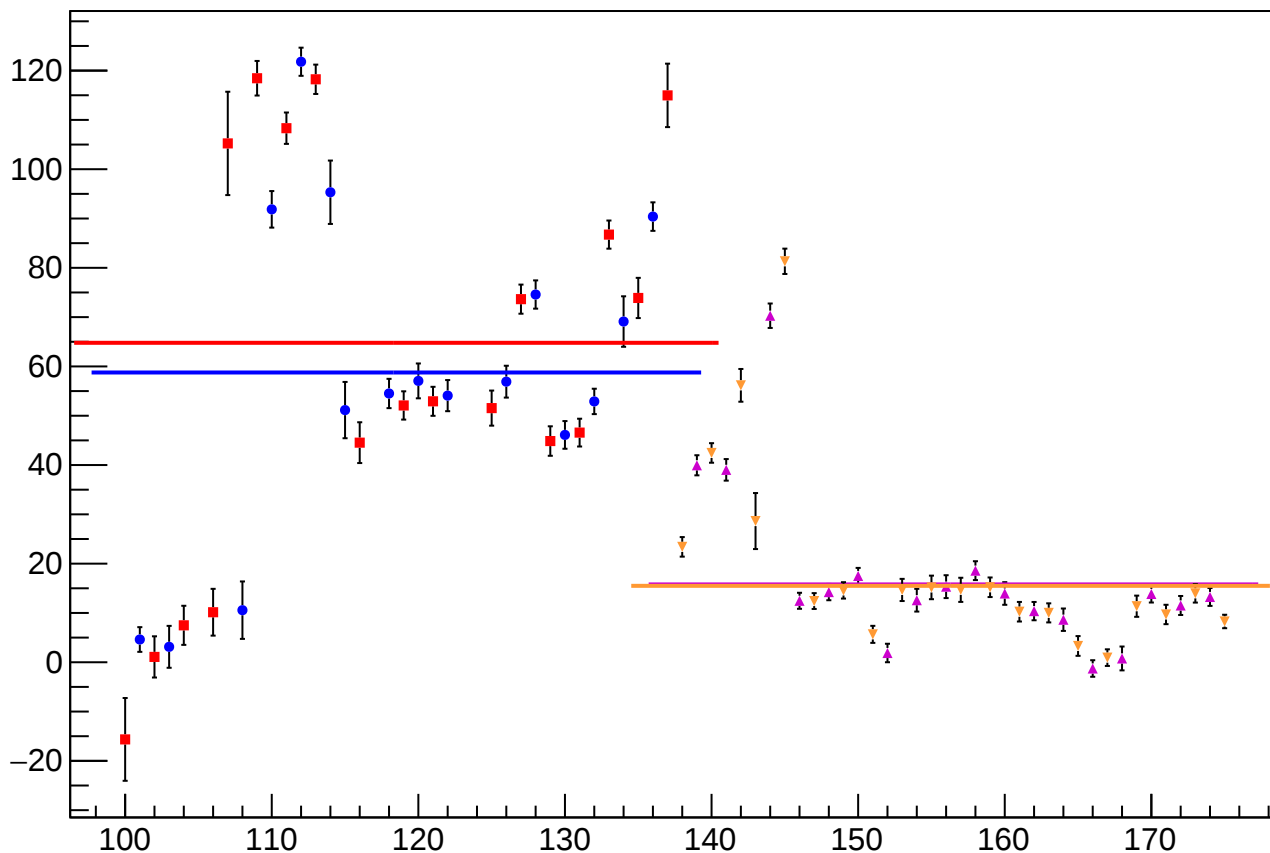
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.272 ± 0.265 $\chi^2/\text{NDF}: 649.0/33$

Out: 4.830 ± 0.262 $\chi^2/\text{NDF}: 609.9/37$

All: 4.554 ± 0.186 $\chi^2/\text{NDF}: 1261.1/71$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 15.500 $\pm$ 0.444 χ^2 /NDF:1216.6/19

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 15.786 $\pm$ 0.458 χ^2 /NDF:971.0/17

Left: 15.639 $\pm$ 0.319 χ^2 /NDF: 2187.8/37

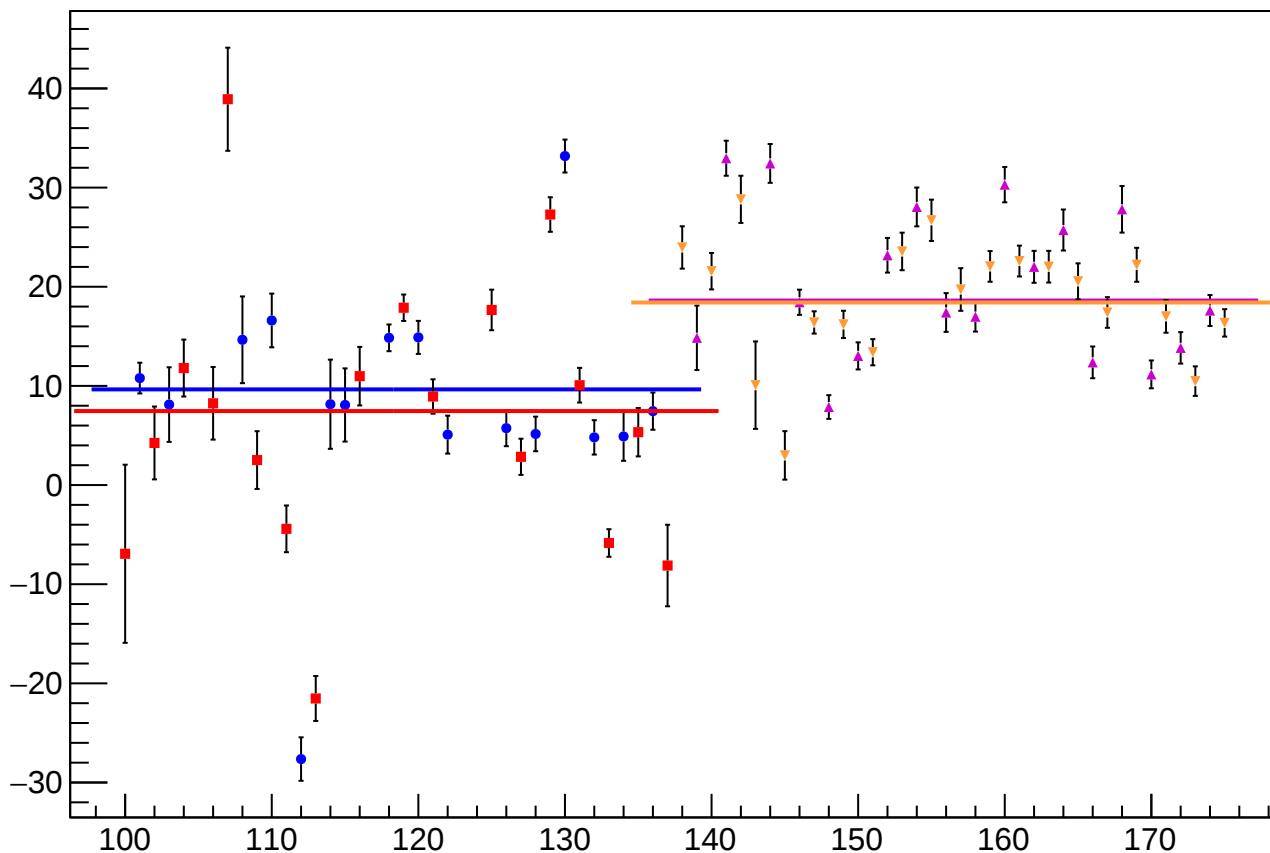
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 25.762 $\pm$ 0.401 χ^2 /NDF:4509.5/33

Out: 26.246 $\pm$ 0.392 χ^2 /NDF:5624.3/37

All: 26.009 $\pm$ 0.281 χ^2 /NDF: 10134.5/71

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.412 ± 0.374 $\chi^2/\text{NDF}: 171.9/19$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 18.609 ± 0.388 $\chi^2/\text{NDF}: 373.8/17$

Left: 18.507 ± 0.269 $\chi^2/\text{NDF}: 545.8/37$

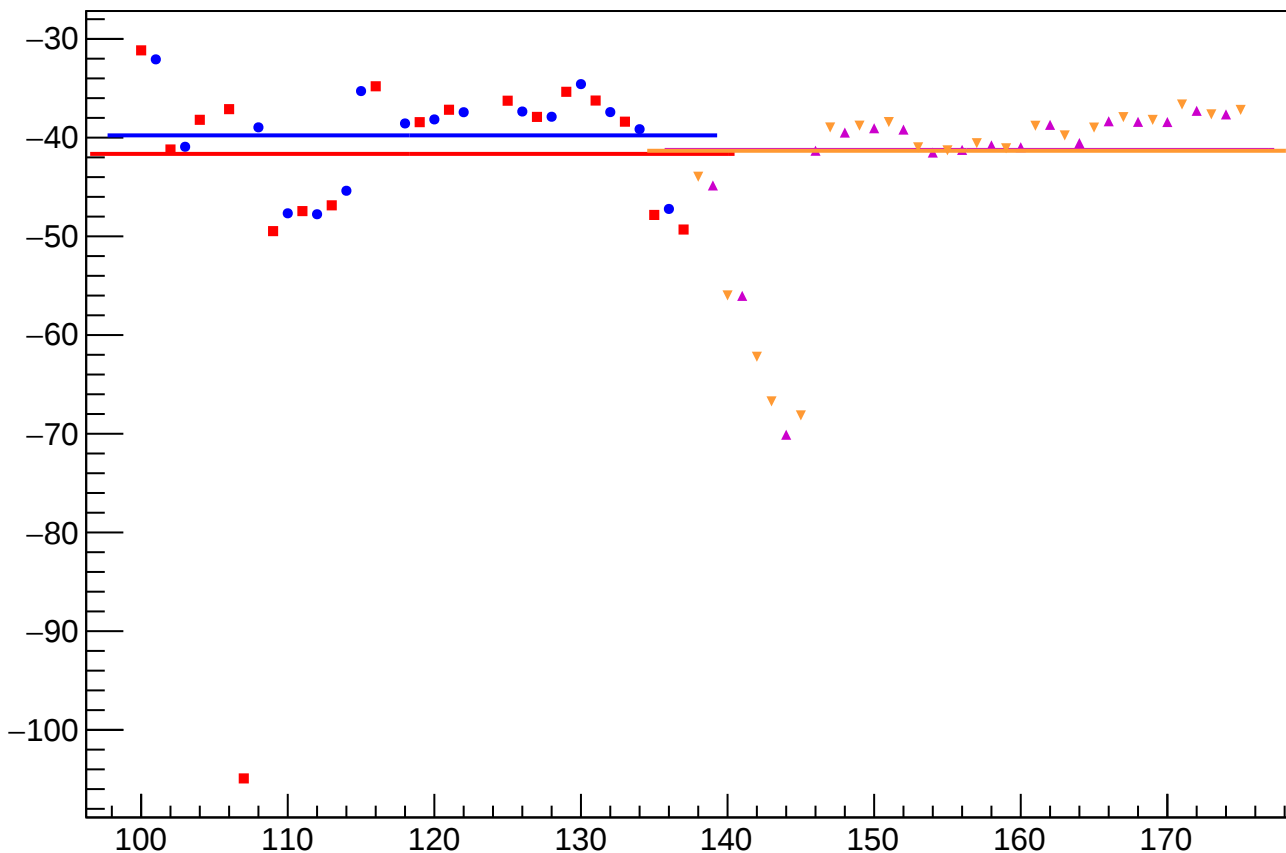
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.259 ± 0.307 $\chi^2/\text{NDF}: 1126.9/33$

Out: 14.640 ± 0.303 $\chi^2/\text{NDF}: 1034.3/37$

All: 14.945 ± 0.216 $\chi^2/\text{NDF}: 2163.2/71$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -41.331 ± 0.018 χ^2/NDF : 157671.4/19

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -41.246 ± 0.018 χ^2/NDF : 115349.0/17

Left: -41.289 ± 0.013 χ^2/NDF : 273031.6/37

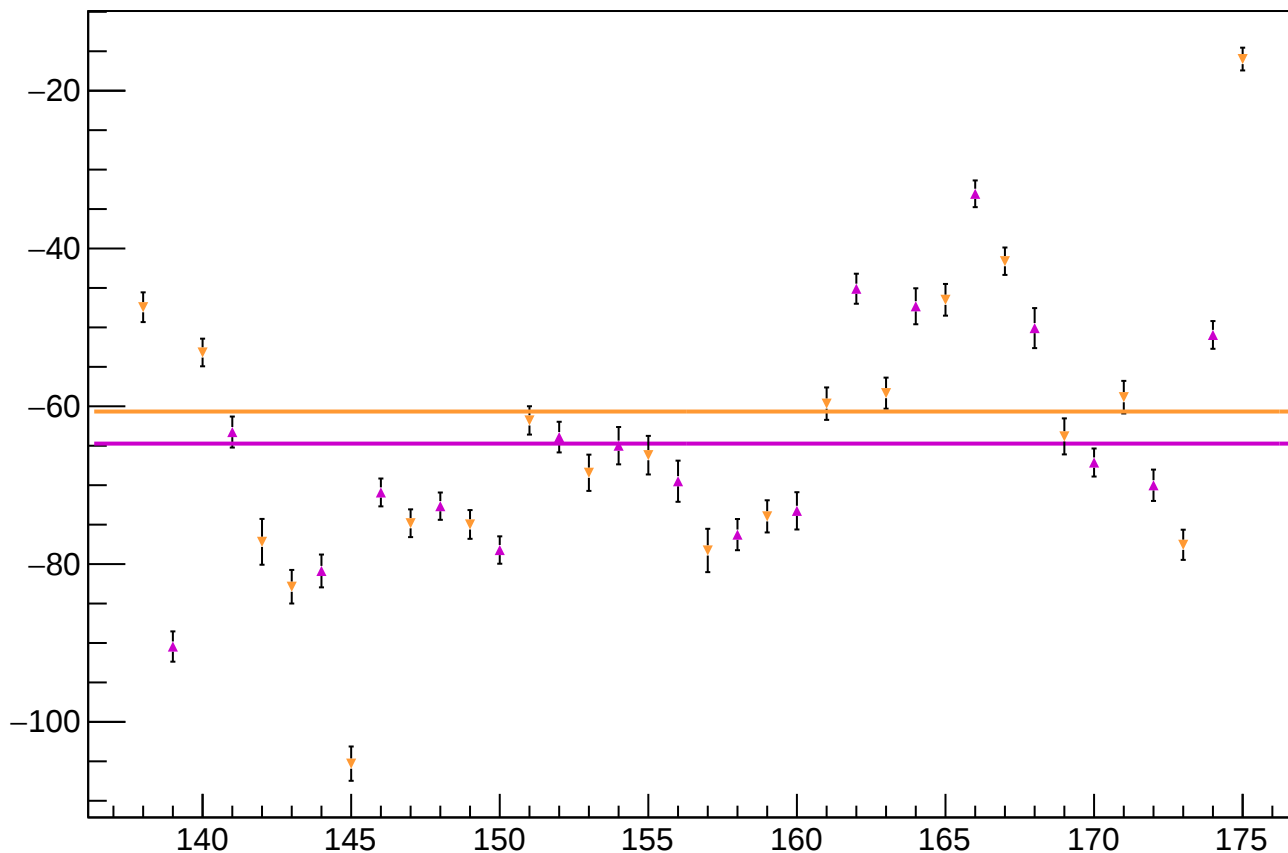
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -40.880 ± 0.015 χ^2/NDF : 143215.9/33

Out: -41.408 ± 0.015 χ^2/NDF : 252263.8/37

All: -41.145 ± 0.011 χ^2/NDF : 396062.8/71

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -60.663+/-0.444 χ^2/NDF :2067.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.729+/-0.464 χ^2/NDF :1002.4/17

Left: -62.604+/-0.321 χ^2/NDF : 3109.7/37

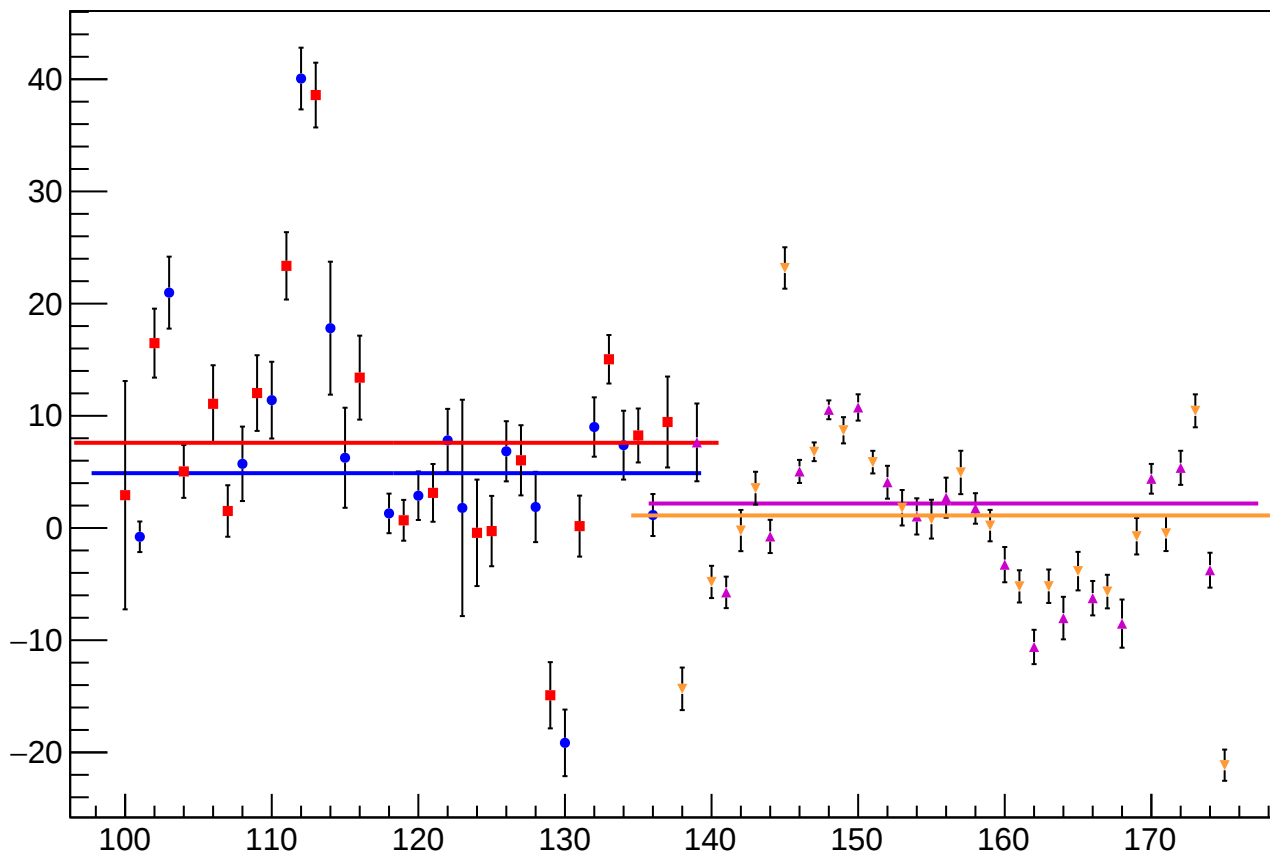
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.729+/-0.464 χ^2/NDF :1002.4/17

Out: -60.663+/-0.444 χ^2/NDF :2067.3/19

All: -62.604+/-0.321 χ^2/NDF : 3109.7/37

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2/NDF : 294.7/16

Left Out: 1.120 $\pm$ 0.317 χ^2/NDF : 710.1/19

Right Out: 7.596 $\pm$ 0.651 χ^2/NDF : 269.4/18

Left In: 2.183 $\pm$ 0.333 χ^2/NDF : 388.5/17

Left: 1.625 $\pm$ 0.230 χ^2/NDF : 1103.9/37

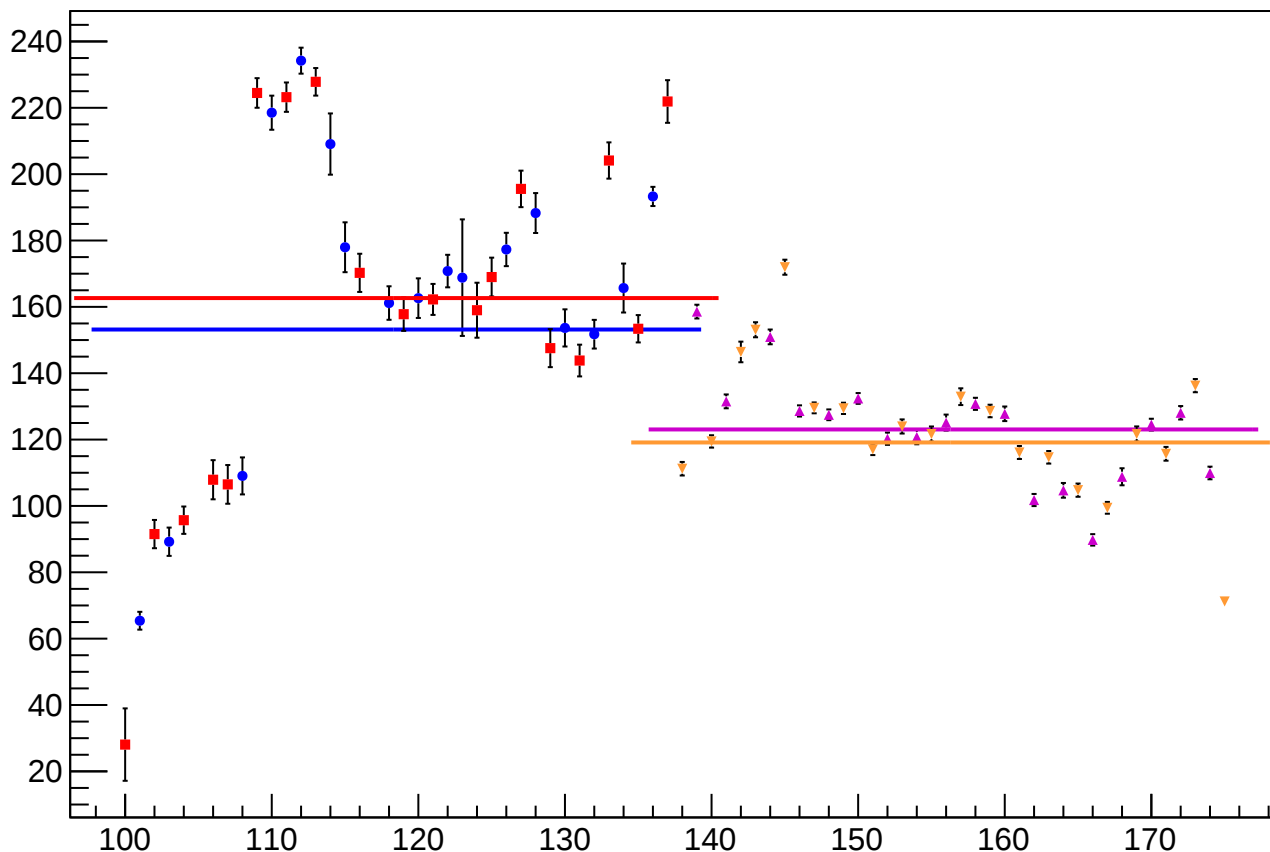
Right: 6.180 $\pm$ 0.450 χ^2/NDF : 573.2/35

In: 2.786 $\pm$ 0.294 χ^2/NDF : 697.9/34

Out: 2.360 $\pm$ 0.285 χ^2/NDF : 1059.5/38

All: 2.567 $\pm$ 0.204 χ^2/NDF : 1758.5/73

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 119.130 $\pm$ 0.439 χ^2 /NDF:2363.4/19

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 123.052 $\pm$ 0.458 χ^2 /NDF:1204.3/17

Left: 121.009 $\pm$ 0.317 χ^2 /NDF: 3605.8/37

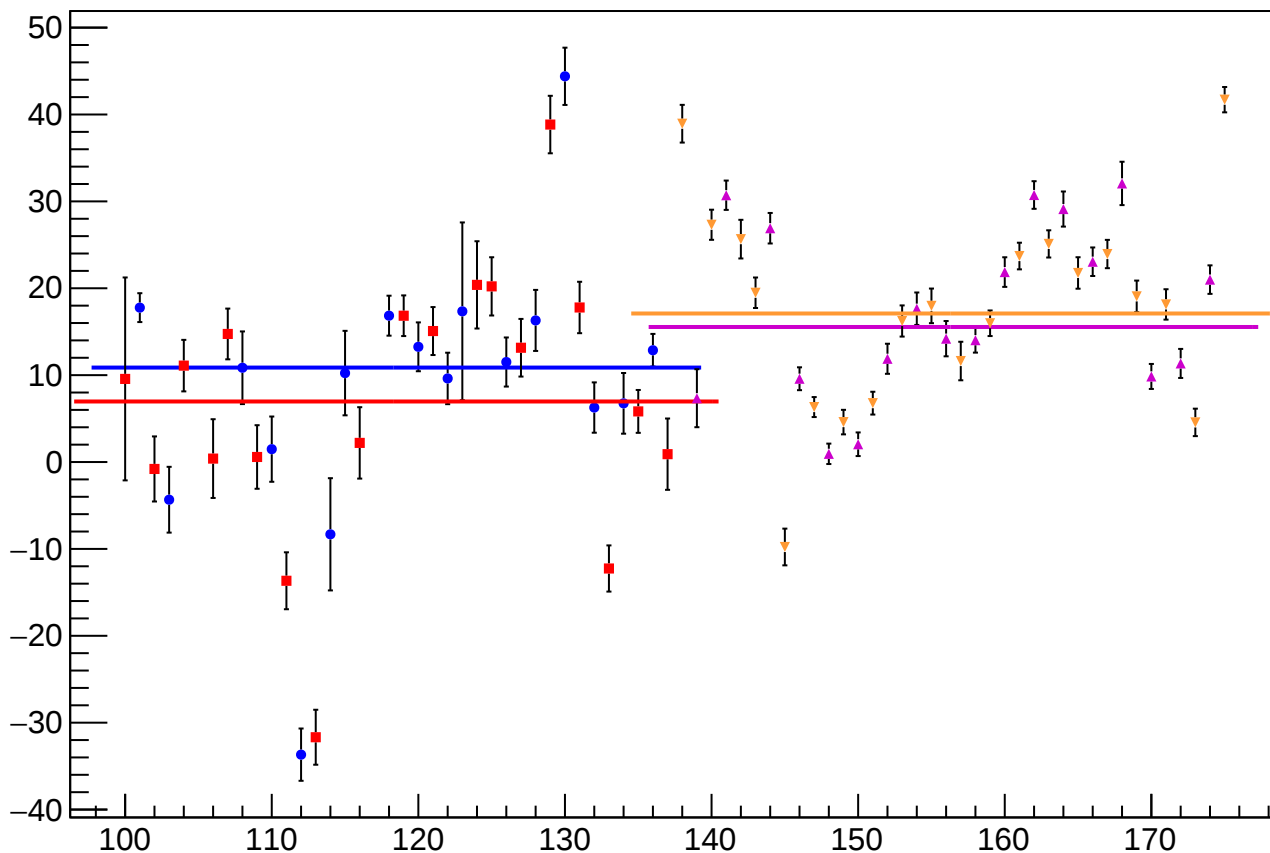
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 127.196 $\pm$ 0.425 χ^2 /NDF:4063.9/34

Out: 124.456 $\pm$ 0.411 χ^2 /NDF:5273.3/38

All: 125.781 $\pm$ 0.296 χ^2 /NDF: 9358.7/73

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 17.096 $\pm$ 0.368 χ^2 /NDF:967.8/19

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 15.543 $\pm$ 0.387 χ^2 /NDF:657.5/17

Left: 16.358 $\pm$ 0.267 χ^2 /NDF: 1633.8/37

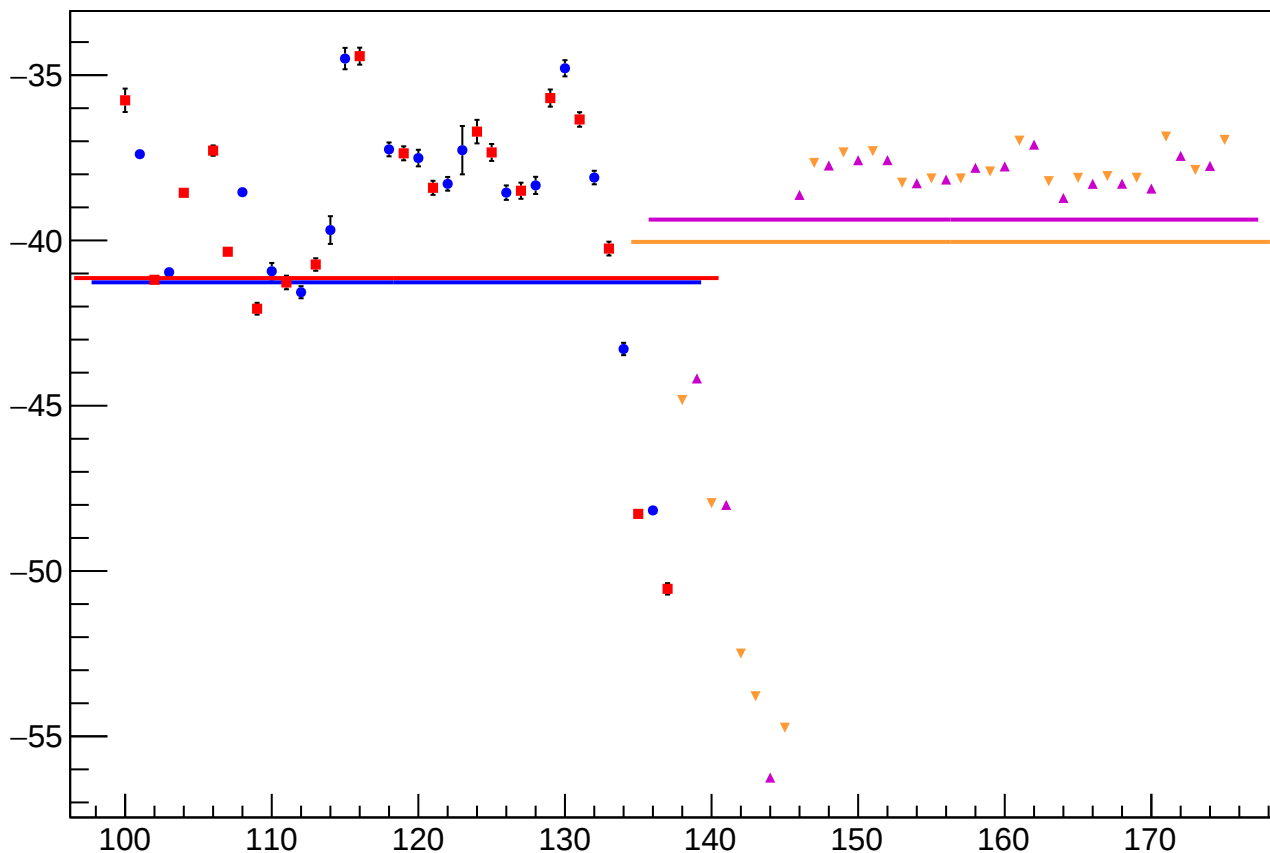
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.485 $\pm$ 0.340 χ^2 /NDF:1077.3/34

Out: 15.119 $\pm$ 0.330 χ^2 /NDF:1537.8/38

All: 14.811 $\pm$ 0.237 χ^2 /NDF: 2616.9/73

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -40.044 ± 0.018 $\chi^2/\text{NDF}: 87507.0/19$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.370 ± 0.018 $\chi^2/\text{NDF}: 50913.2/17$

Left: -39.714 ± 0.013 $\chi^2/\text{NDF}: 139143.7/37$

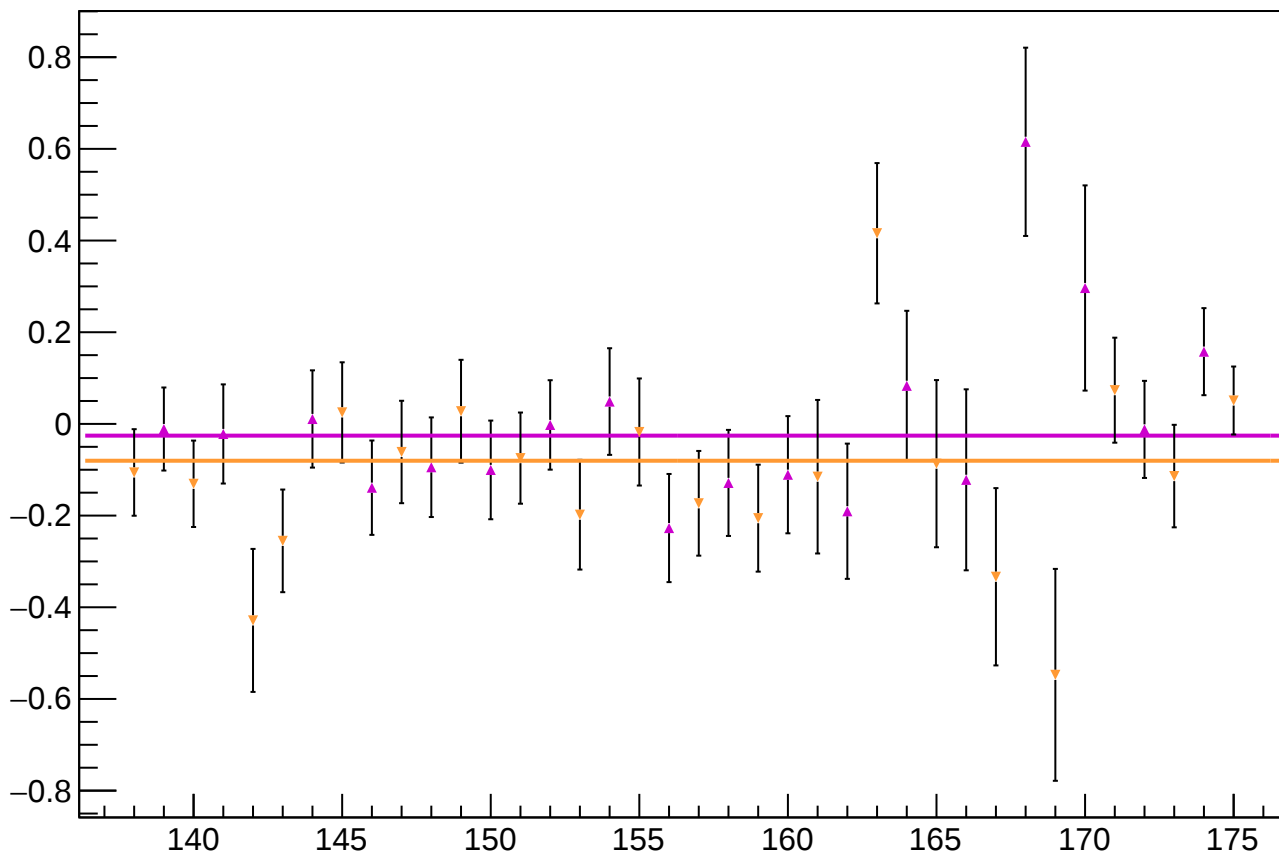
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -39.707 ± 0.016 $\chi^2/\text{NDF}: 65489.6/34$

Out: -40.231 ± 0.016 $\chi^2/\text{NDF}: 100415.8/38$

All: -39.973 ± 0.011 $\chi^2/\text{NDF}: 166435.9/73$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.080+/-0.026 χ^2/NDF : 34.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.026+/-0.028 χ^2/NDF : 24.4/17

Left: -0.055+/-0.019 χ^2/NDF : 60.6/37

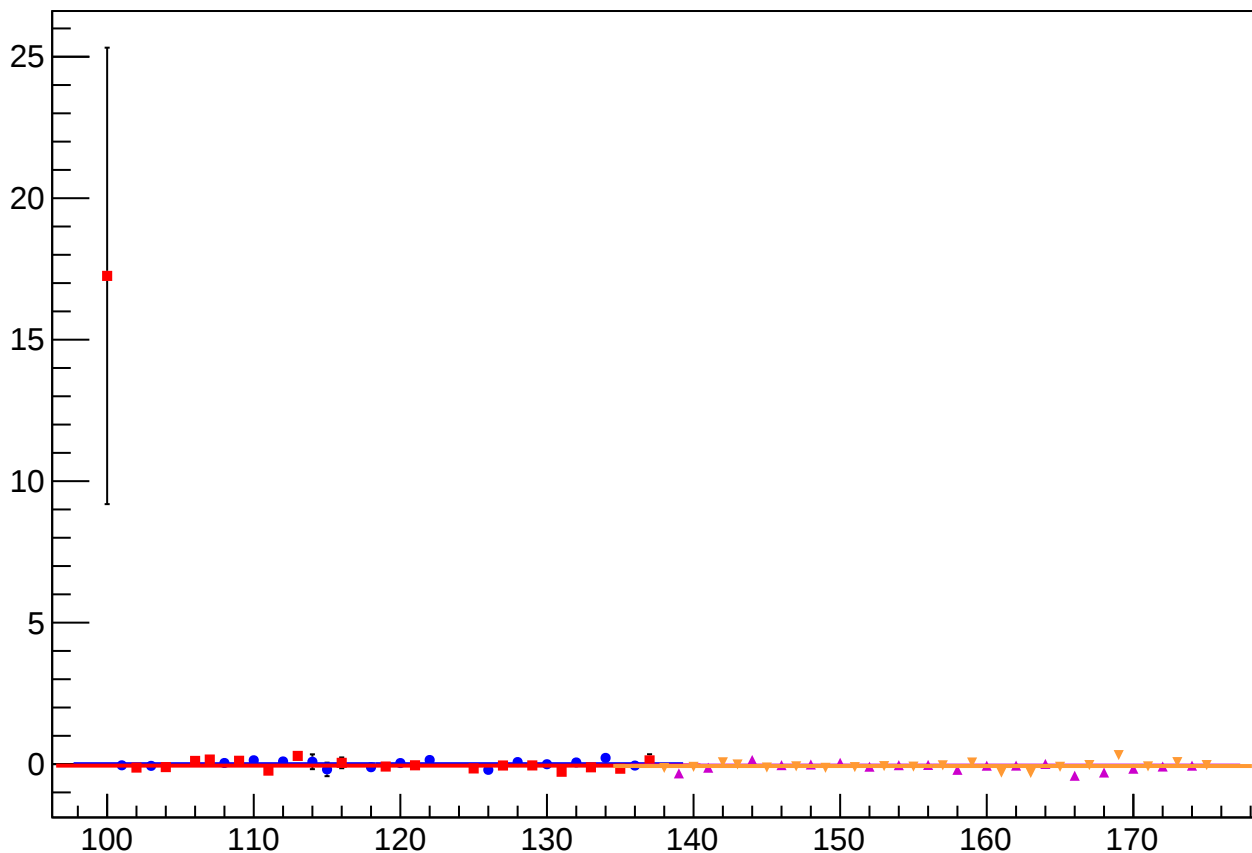
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.026+/-0.028 χ^2/NDF : 24.4/17

Out: -0.080+/-0.026 χ^2/NDF : 34.1/19

All: -0.055+/-0.019 χ^2/NDF : 60.6/37

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.068 ± 0.019 χ^2/NDF : 23.6/19

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.053 ± 0.020 χ^2/NDF : 23.5/17

Left: -0.061 ± 0.014 χ^2/NDF : 47.4/37

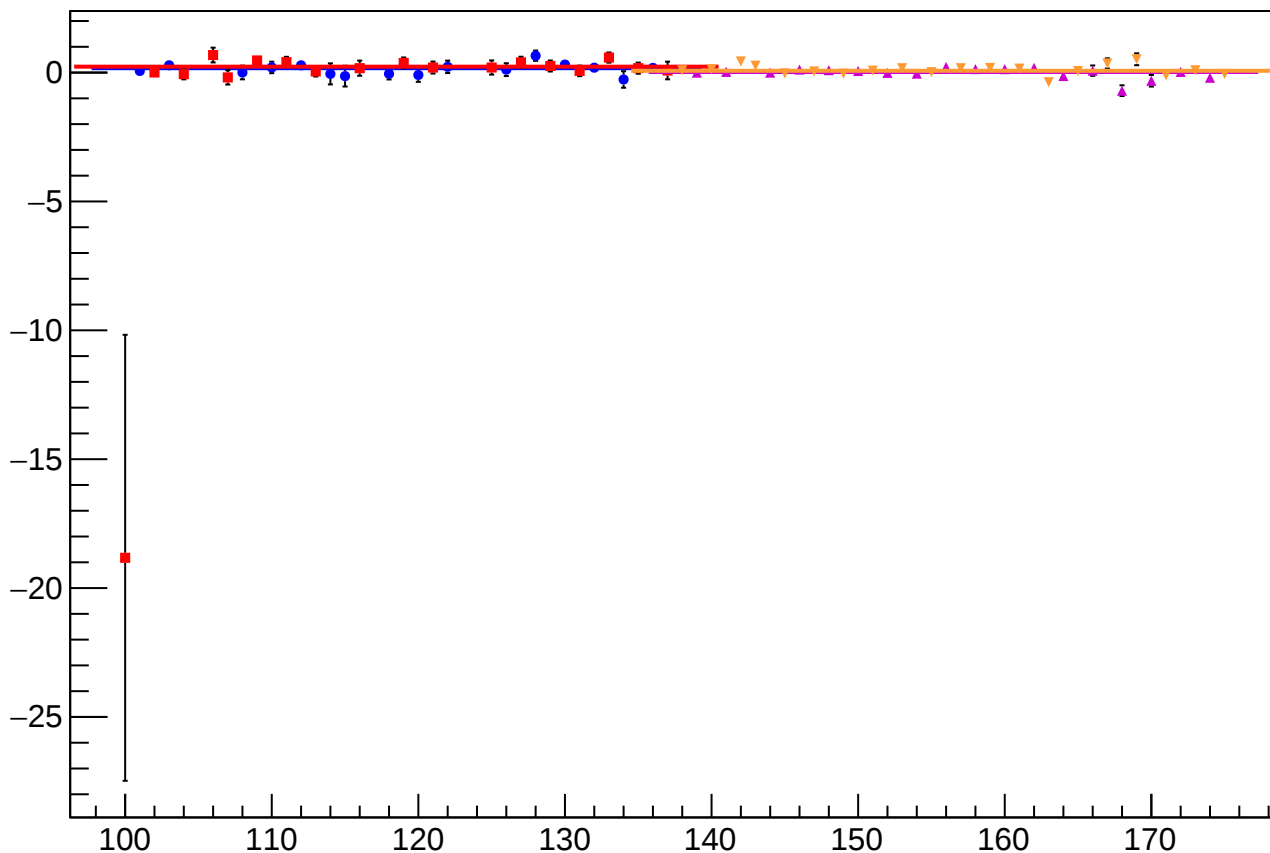
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.036 ± 0.016 χ^2/NDF : 37.8/33

Out: -0.064 ± 0.016 χ^2/NDF : 49.3/37

All: -0.050 ± 0.011 χ^2/NDF : 88.5/71

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.070 $\pm$ 0.026 χ^2 /NDF:33.0/19

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.022 $\pm$ 0.027 χ^2 /NDF:28.7/17

Left: 0.048 $\pm$ 0.019 χ^2 /NDF: 63.2/37

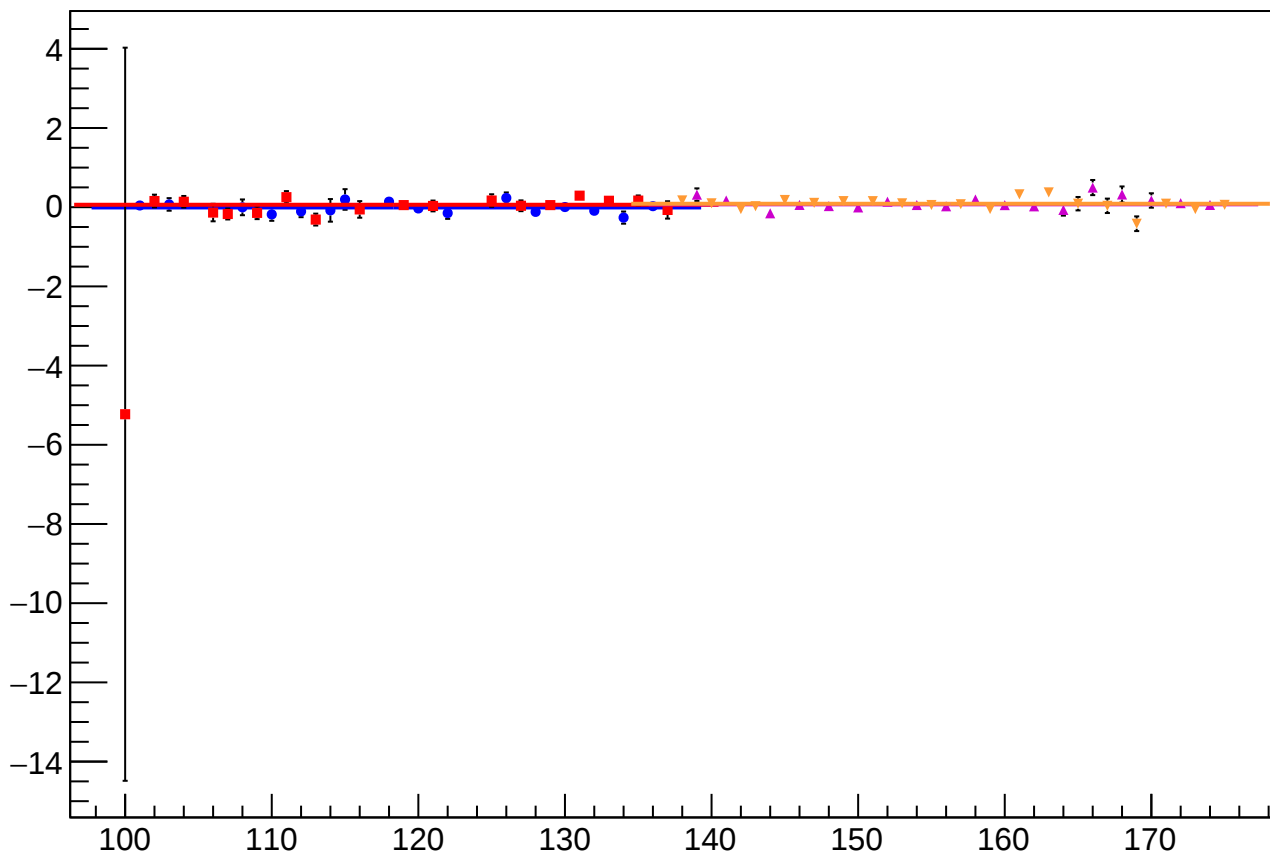
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.054 $\pm$ 0.024 χ^2 /NDF:47.9/33

Out: 0.100 $\pm$ 0.023 χ^2 /NDF:61.8/37

All: 0.078 $\pm$ 0.017 χ^2 /NDF: 111.5/71

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.033 χ^2 /NDF: 13.2/15

Left Out: 0.087 $\pm$ 0.022 χ^2 /NDF:25.9/19

Right Out: 0.062 $\pm$ 0.034 χ^2 /NDF: 20.3/17

Left In: 0.072 $\pm$ 0.023 χ^2 /NDF:22.1/17

Left: 0.080 $\pm$ 0.016 χ^2 /NDF: 48.2/37

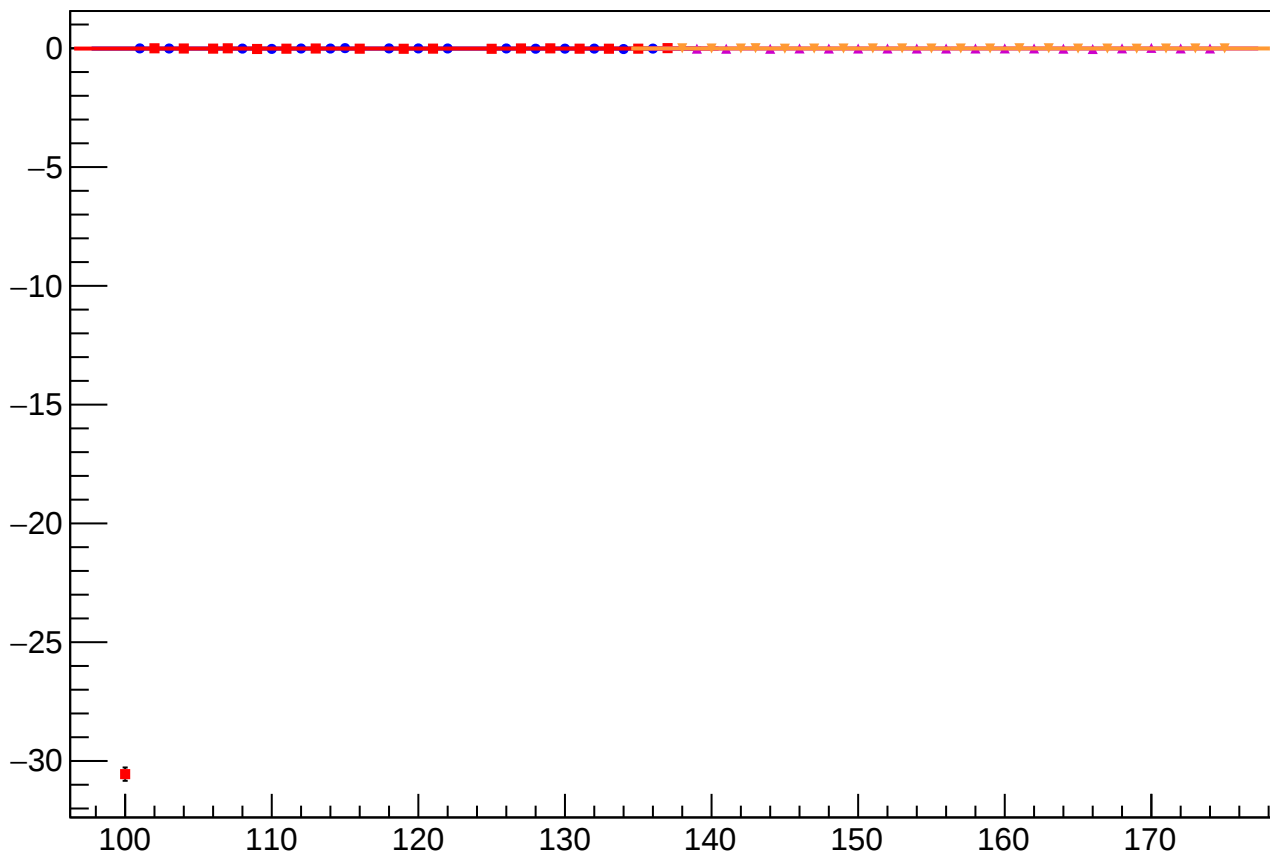
Right: 0.026 $\pm$ 0.023 χ^2 /NDF: 35.6/33

In: 0.046 $\pm$ 0.019 χ^2 /NDF:39.2/33

Out: 0.079 $\pm$ 0.018 χ^2 /NDF:46.6/37

All: 0.063 $\pm$ 0.013 χ^2 /NDF: 87.4/71

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:19.9/19

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:31.4/17

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 53.5/37

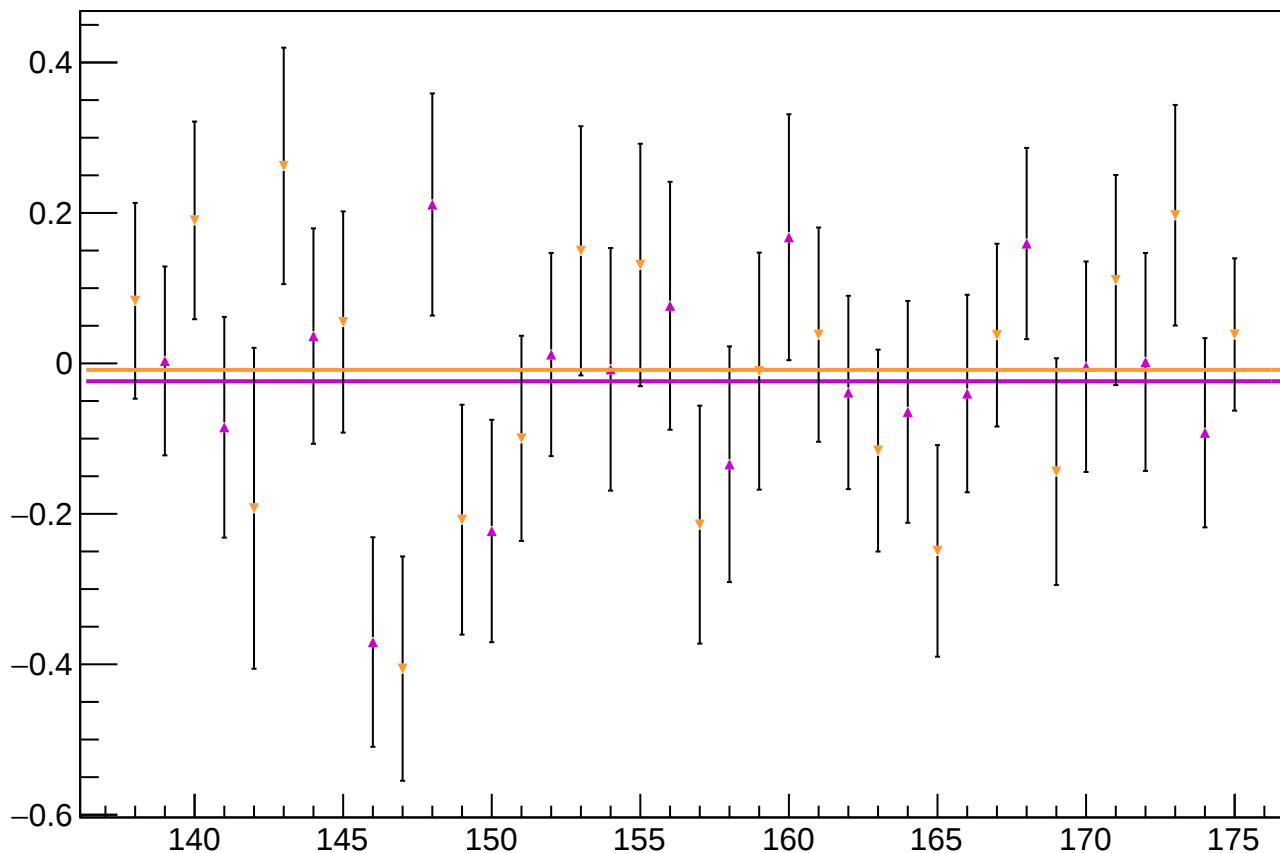
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.010 $\pm$ 0.001 χ^2 /NDF:45.2/33

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11914.9/37

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 11961.7/71

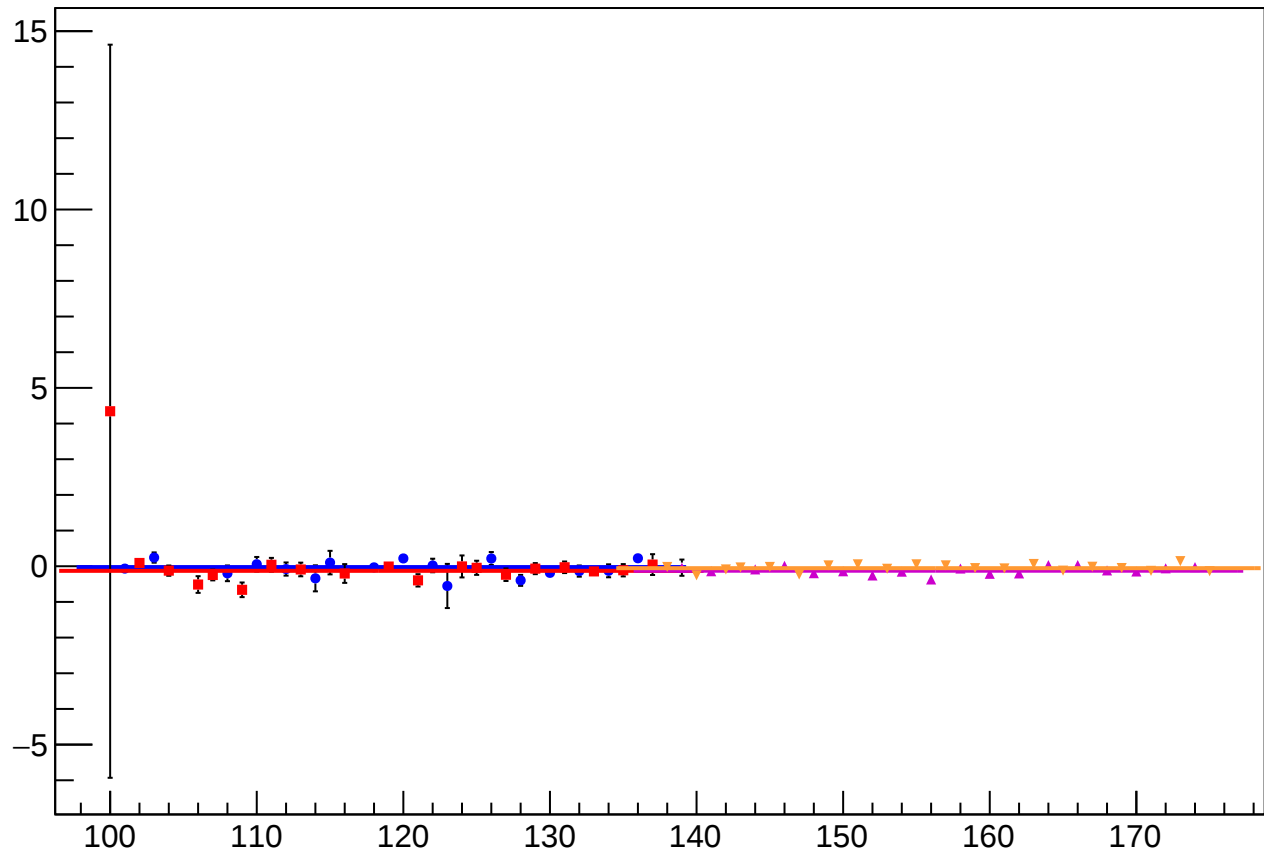
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.009 $\pm$ 0.032 χ^2 /NDF:26.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.024 $\pm$ 0.033 χ^2 /NDF:15.8/17

Left: -0.016 $\pm$ 0.023 χ^2 /NDF: 42.7/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.024 $\pm$ 0.033 χ^2 /NDF:15.8/17
 Out: -0.009 $\pm$ 0.032 χ^2 /NDF:26.8/19
 All: -0.016 $\pm$ 0.023 χ^2 /NDF: 42.7/37

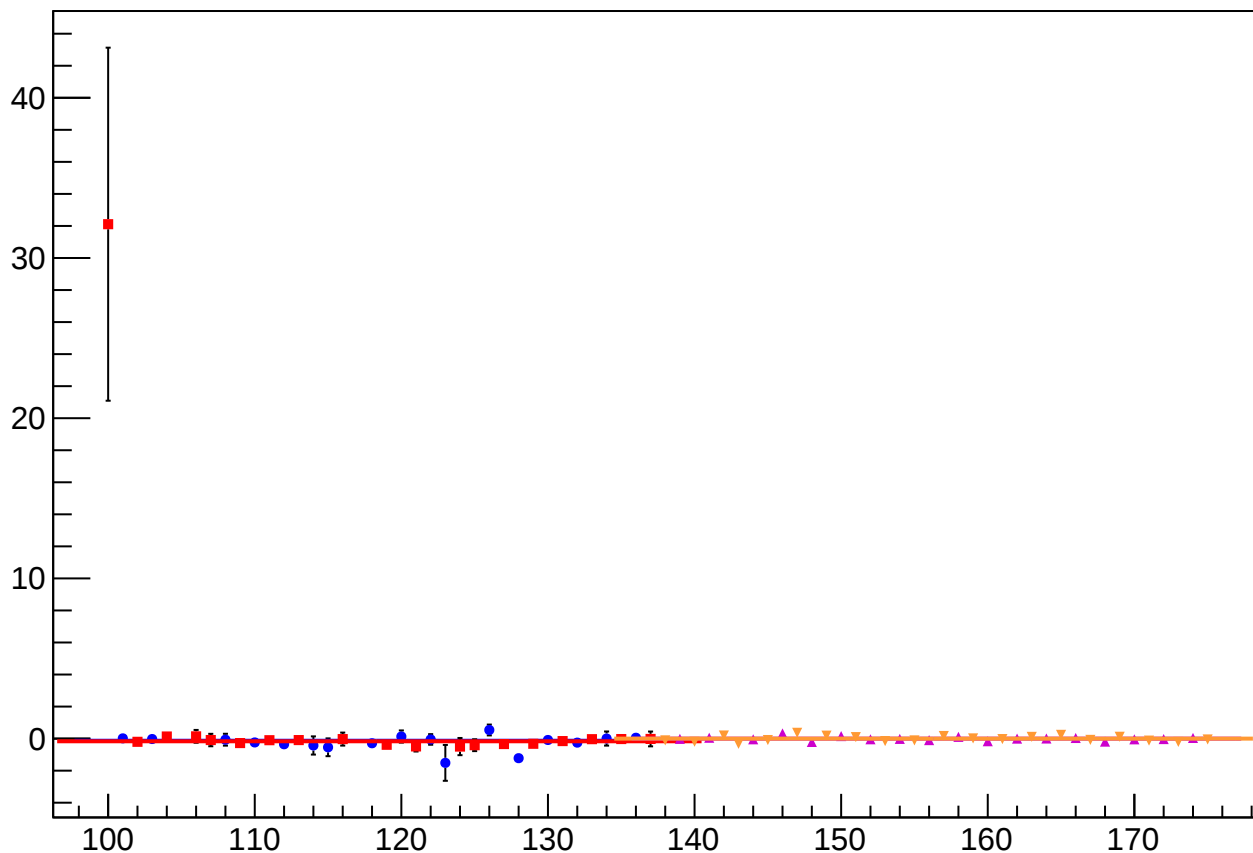
reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$
 Left Out: -0.054 ± 0.023 $\chi^2/\text{NDF}: 20.0/19$
 Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$
 Left In: -0.125 ± 0.025 $\chi^2/\text{NDF}: 16.6/17$

Left: -0.088 ± 0.017 $\chi^2/\text{NDF}: 40.9/37$
 Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$
 In: -0.093 ± 0.020 $\chi^2/\text{NDF}: 44.3/34$
 Out: -0.074 ± 0.020 $\chi^2/\text{NDF}: 41.4/38$
 All: -0.083 ± 0.014 $\chi^2/\text{NDF}: 86.2/73$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.000 ± 0.032 χ^2/NDF : 26.6/19

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.004 ± 0.033 χ^2/NDF : 14.3/17

Left: -0.002 ± 0.023 χ^2/NDF : 40.8/37

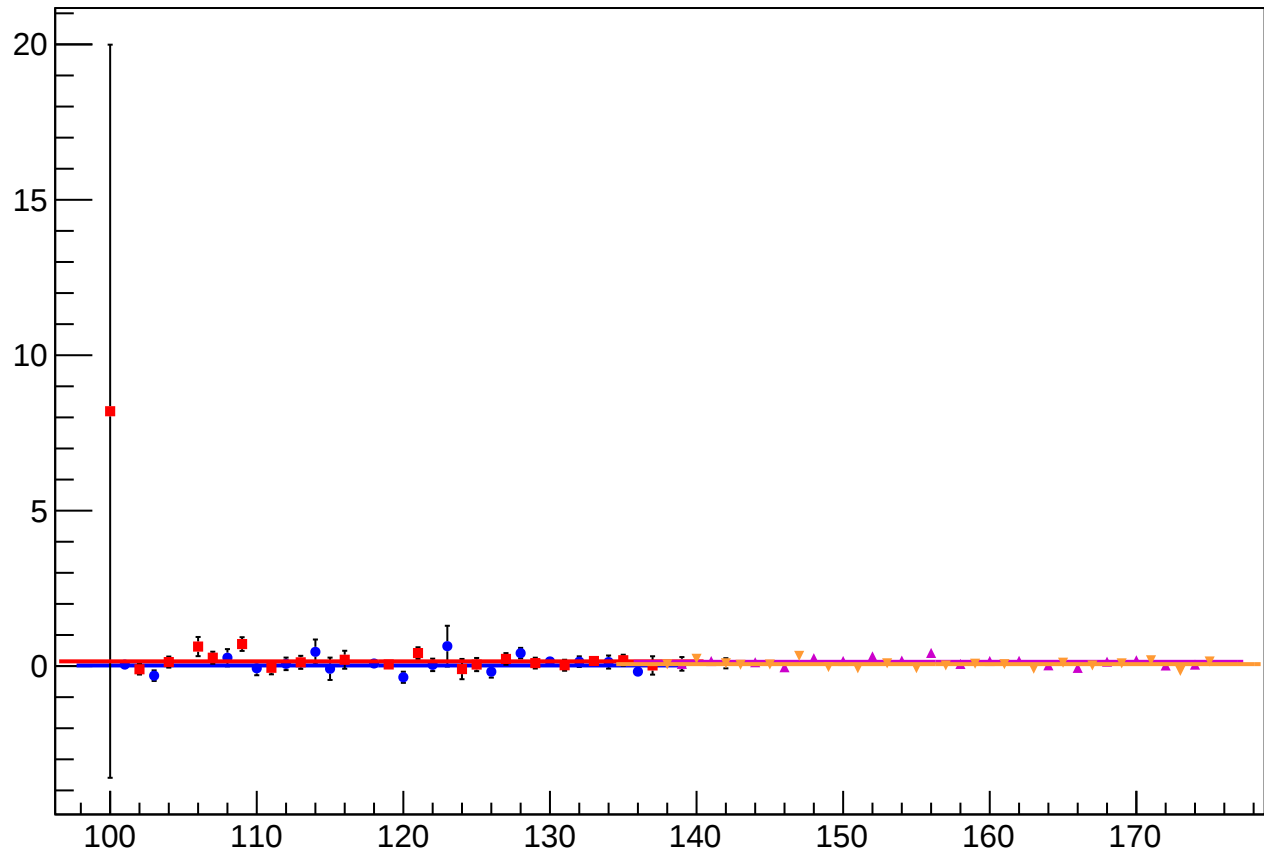
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.029 ± 0.030 χ^2/NDF : 43.1/34

Out: -0.028 ± 0.029 χ^2/NDF : 45.8/38

All: -0.028 ± 0.021 χ^2/NDF : 88.9/73

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.062 $\pm$ 0.027 χ^2 /NDF:19.9/19

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.137 $\pm$ 0.028 χ^2 /NDF:16.6/17

Left: 0.097 $\pm$ 0.020 χ^2 /NDF: 40.2/37

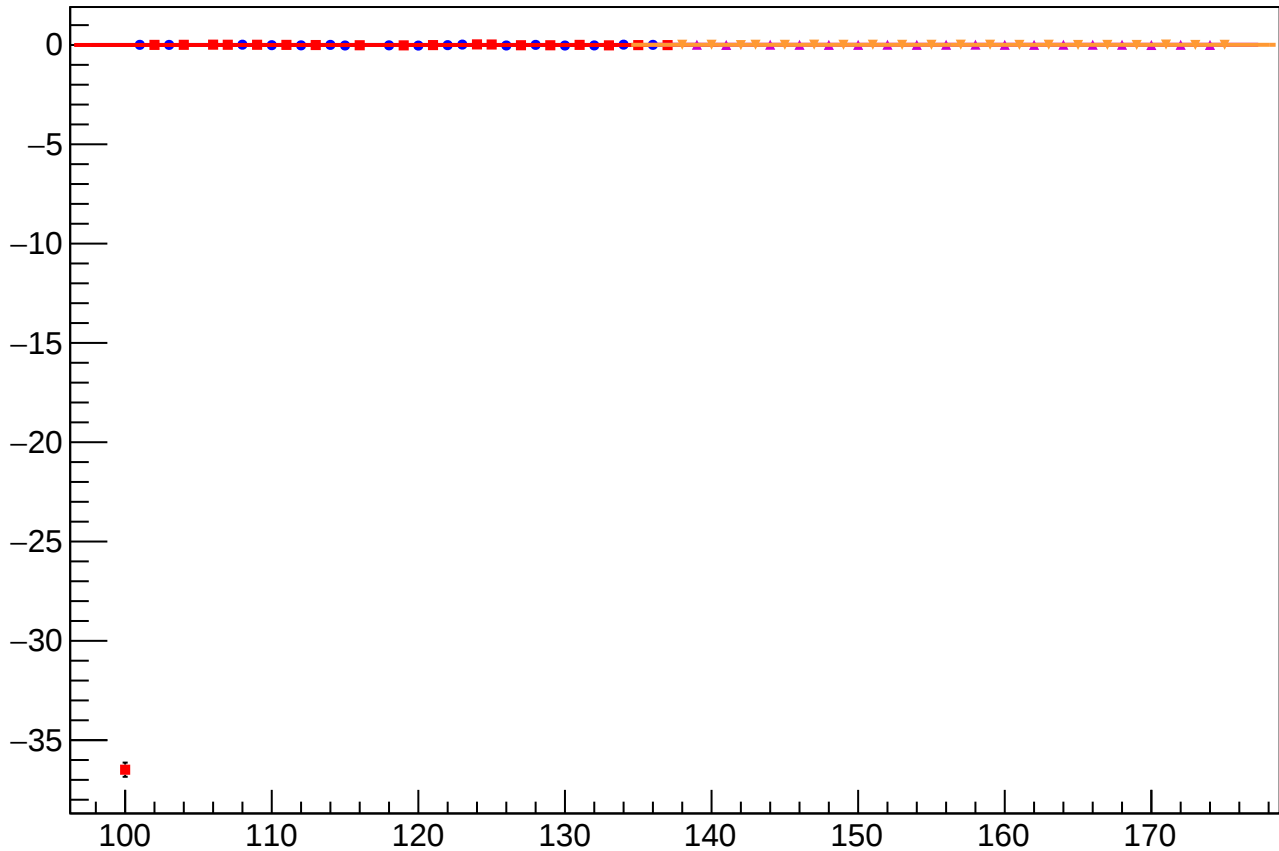
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.100 $\pm$ 0.024 χ^2 /NDF:43.7/34

Out: 0.086 $\pm$ 0.023 χ^2 /NDF:40.1/38

All: 0.093 $\pm$ 0.017 χ^2 /NDF: 84.0/73

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF: 18.8/19

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 11.4/17

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 30.4/37

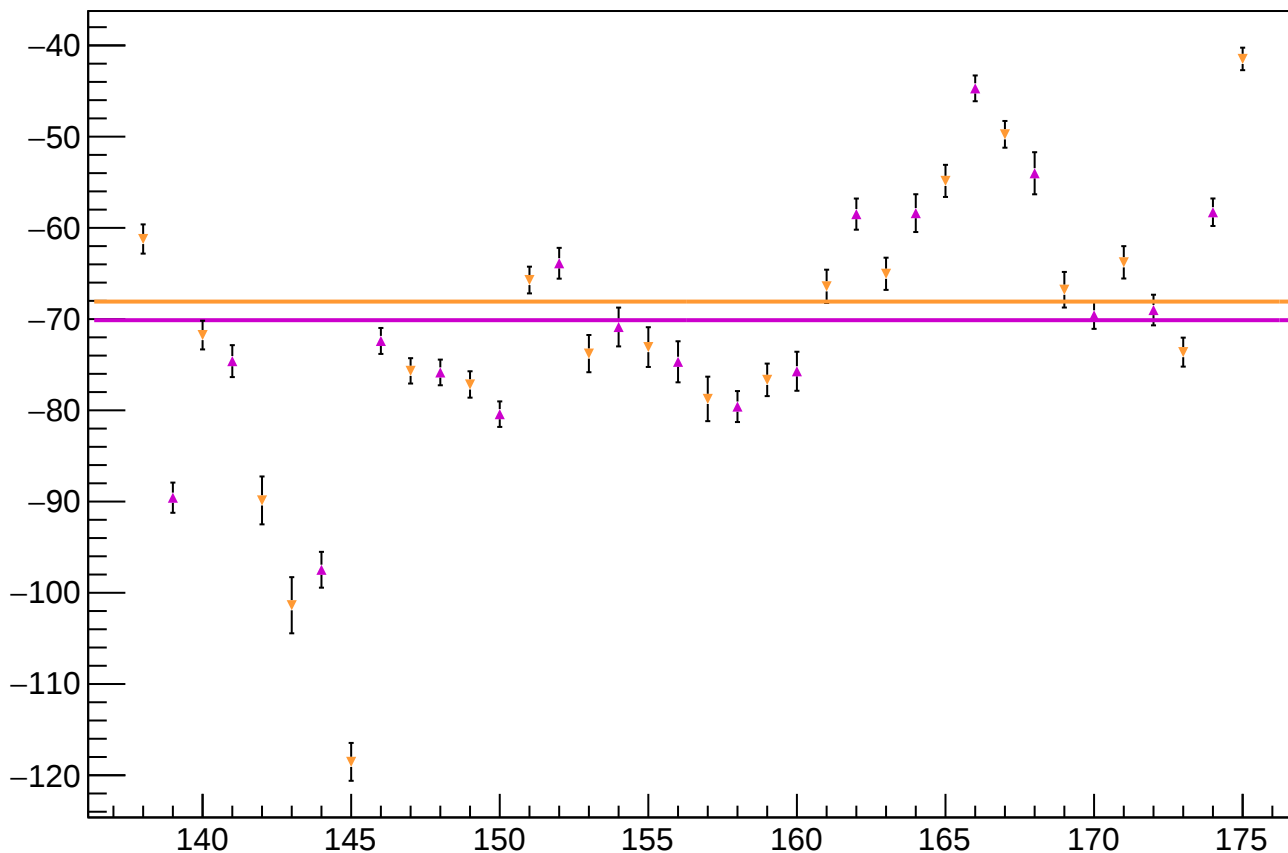
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 56.0/34

Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 10479.4/38

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10535.5/73

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.079+/-0.386 χ^2/NDF :1628.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -70.119+/-0.398 χ^2/NDF :981.1/17

Left: -69.067+/-0.277 χ^2/NDF : 2623.0/37

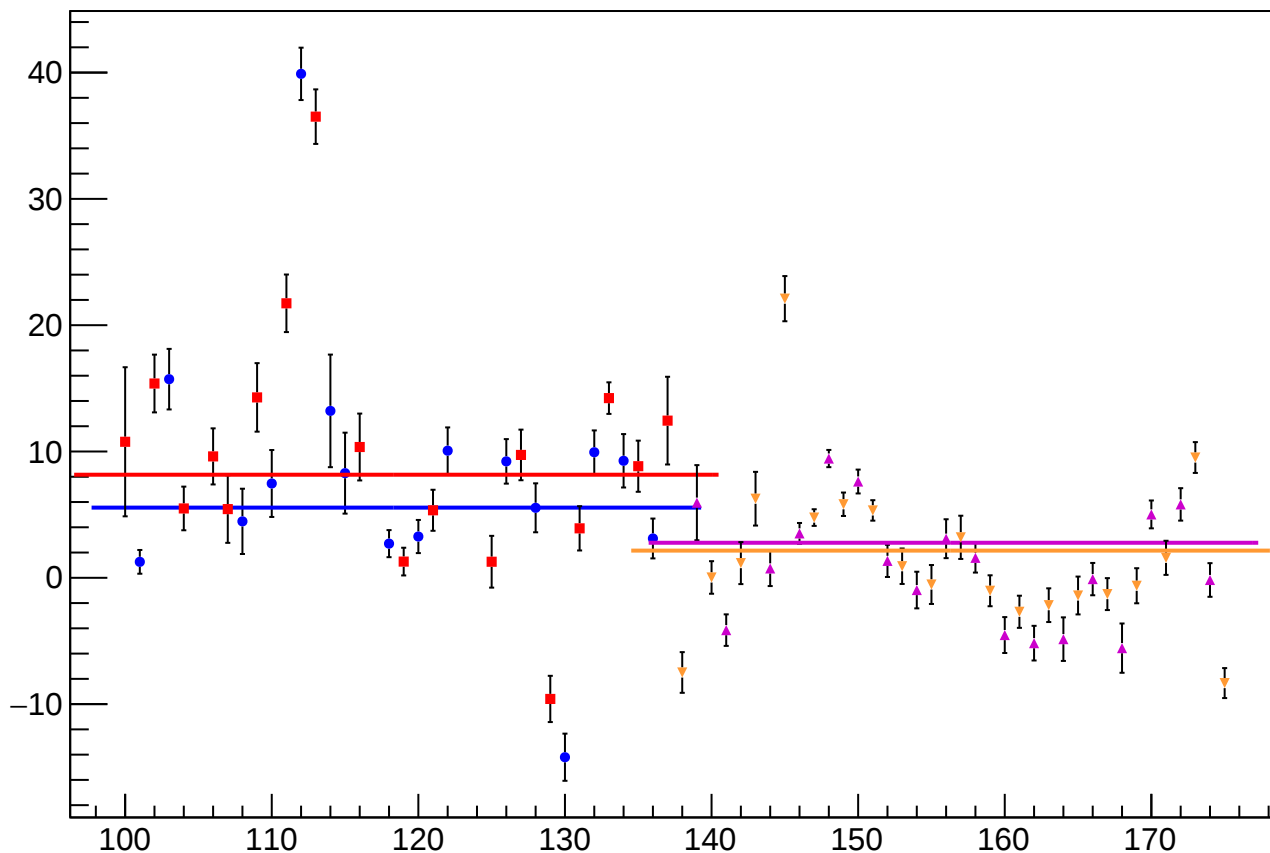
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.119+/-0.398 χ^2/NDF :981.1/17

Out: -68.079+/-0.386 χ^2/NDF :1628.3/19

All: -69.067+/-0.277 χ^2/NDF : 2623.0/37

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.154 ± 0.272 $\chi^2/\text{NDF}: 381.6/19$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.775 ± 0.283 $\chi^2/\text{NDF}: 283.2/17$

Left: 2.452 ± 0.196 $\chi^2/\text{NDF}: 667.3/37$

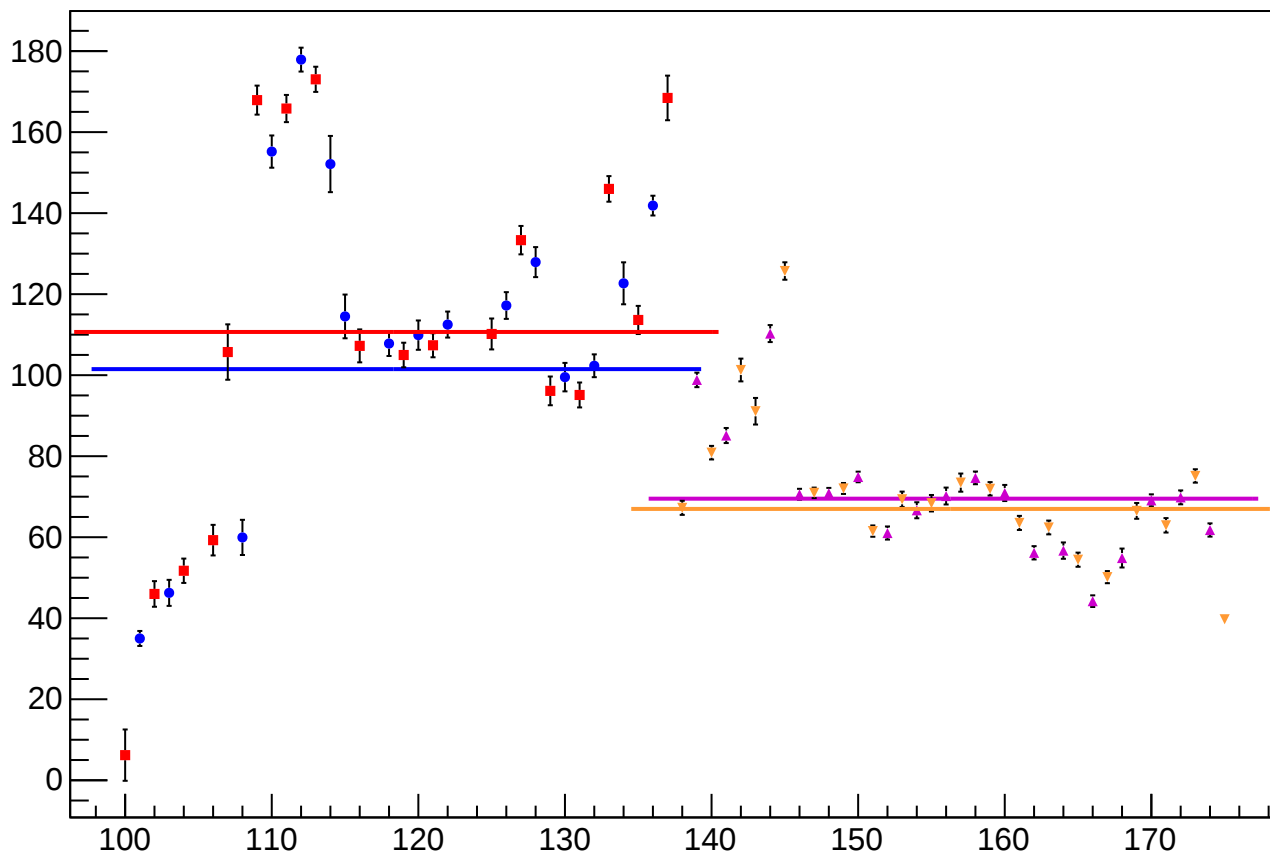
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.633 ± 0.235 $\chi^2/\text{NDF}: 775.0/33$

Out: 3.747 ± 0.233 $\chi^2/\text{NDF}: 917.8/37$

All: 3.690 ± 0.166 $\chi^2/\text{NDF}: 1692.9/71$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 66.984 $\pm$ 0.380 χ^2 /NDF:1780.5/19

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 69.513 $\pm$ 0.392 χ^2 /NDF:1251.3/17

Left: 68.211 $\pm$ 0.273 χ^2 /NDF: 3053.2/37

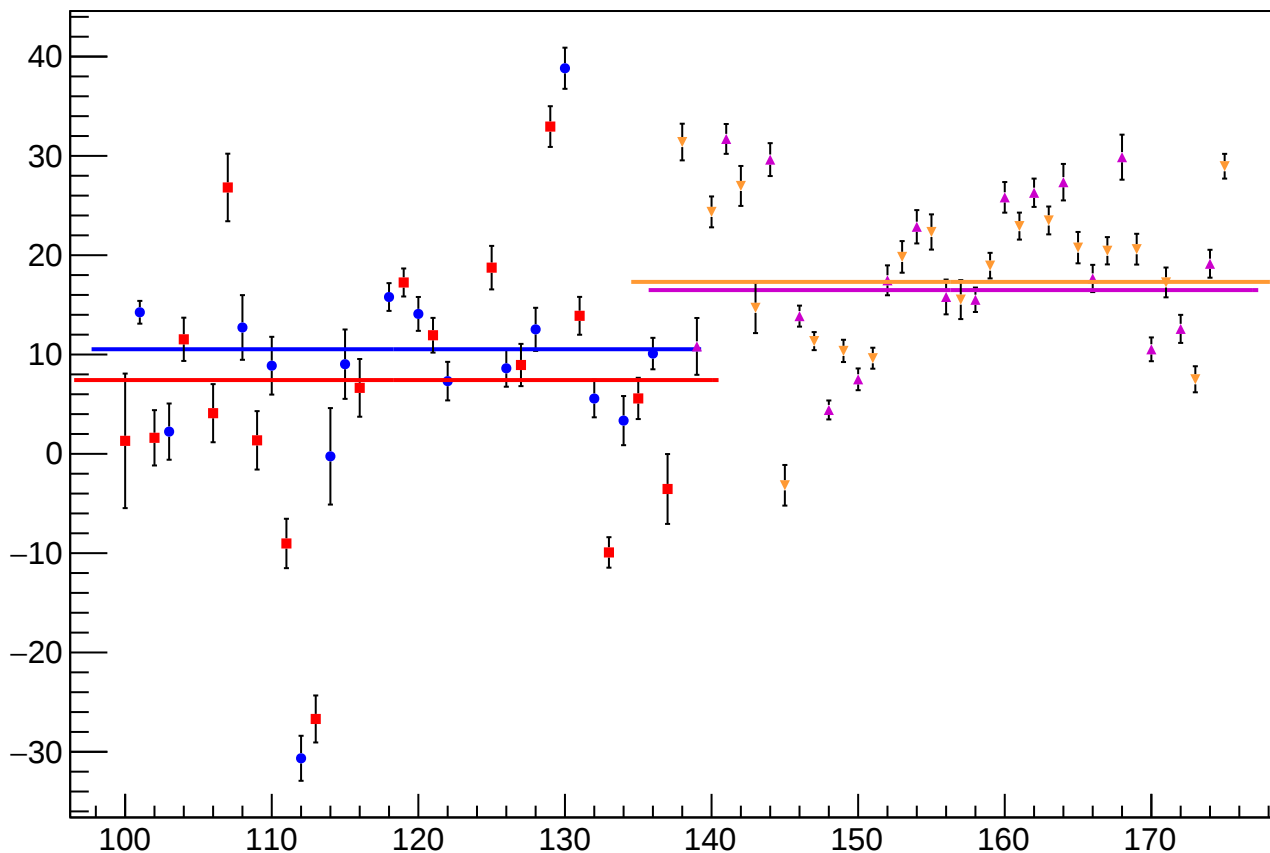
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 75.606 $\pm$ 0.353 χ^2 /NDF:5491.8/33

Out: 74.482 $\pm$ 0.346 χ^2 /NDF:6557.0/37

All: 75.034 $\pm$ 0.247 χ^2 /NDF: 12054.0/71

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 17.313 ± 0.318 $\chi^2/\text{NDF}: 544.7/19$

Right Out: 7.429 ± 0.524 $\chi^2/\text{NDF}: 685.8/17$

Left In: 16.487 ± 0.330 $\chi^2/\text{NDF}: 609.1/17$

Left: 16.915 ± 0.229 $\chi^2/\text{NDF}: 1157.1/37$

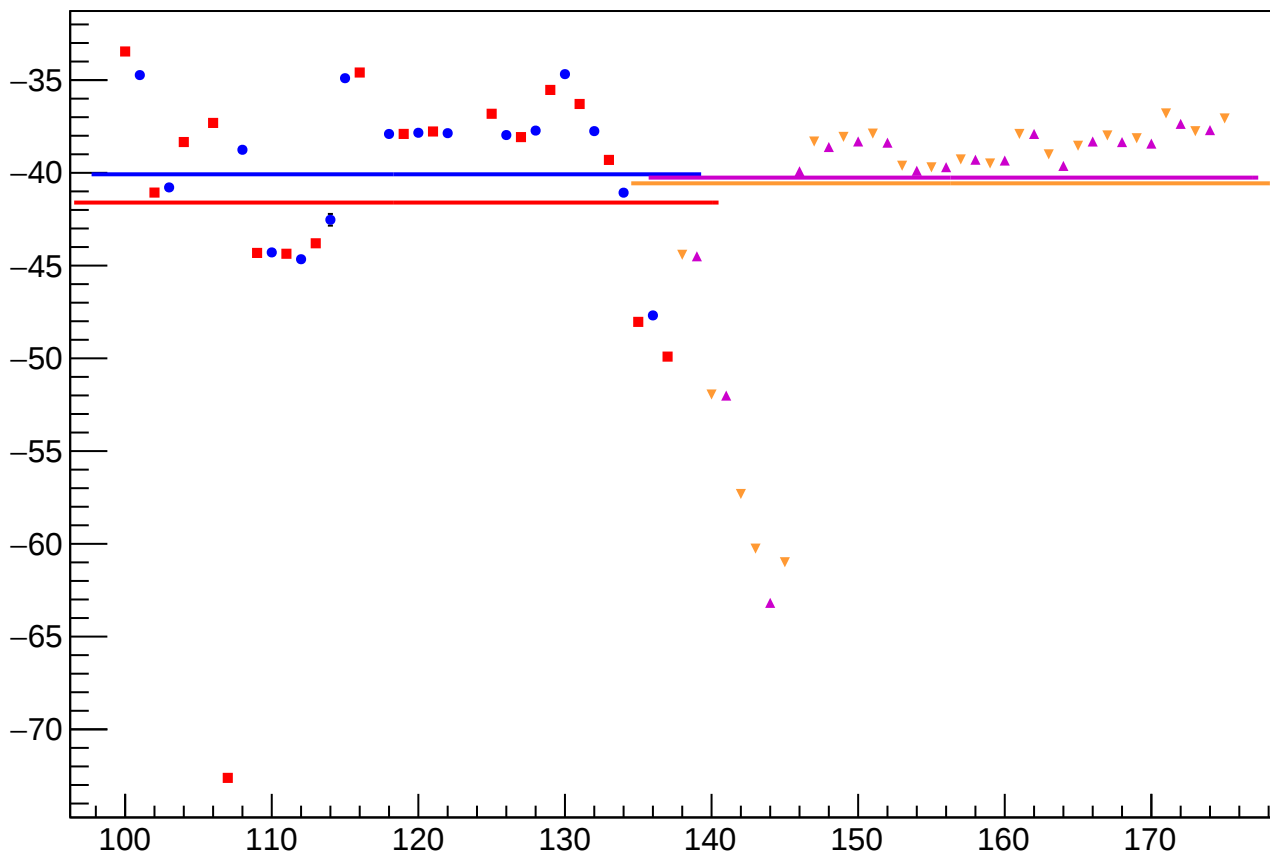
Right: 9.074 ± 0.359 $\chi^2/\text{NDF}: 1284.7/33$

In: 14.643 ± 0.274 $\chi^2/\text{NDF}: 1290.2/33$

Out: 14.650 ± 0.272 $\chi^2/\text{NDF}: 1490.9/37$

All: 14.646 ± 0.193 $\chi^2/\text{NDF}: 2781.2/71$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -40.565 ± 0.015 χ^2/NDF : 149953.9/19

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -40.257 ± 0.015 χ^2/NDF : 102350.8/17

Left: -40.412 ± 0.011 χ^2/NDF : 252506.5/37

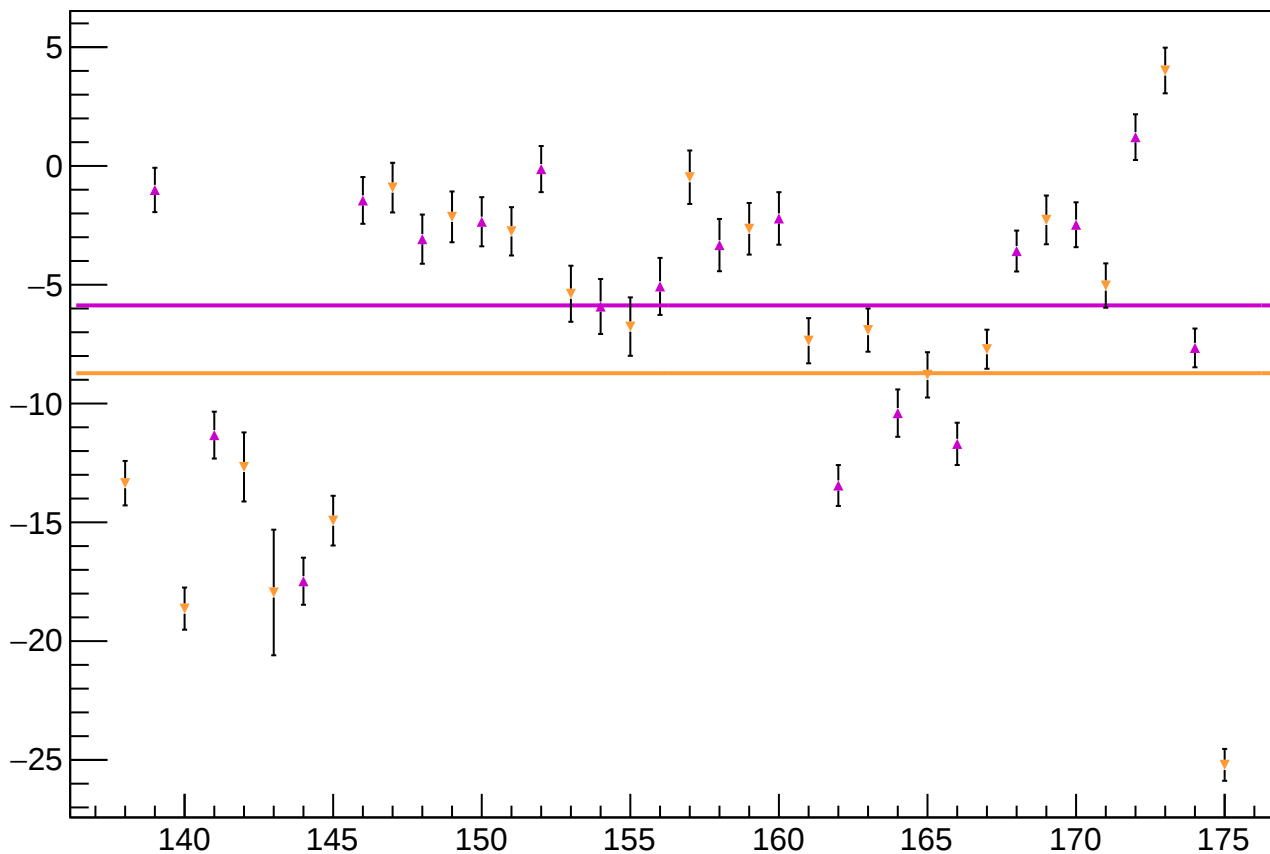
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.217 ± 0.013 χ^2/NDF : 127528.8/33

Out: -40.795 ± 0.013 χ^2/NDF : 212835.9/37

All: -40.507 ± 0.010 χ^2/NDF : 341286.9/71

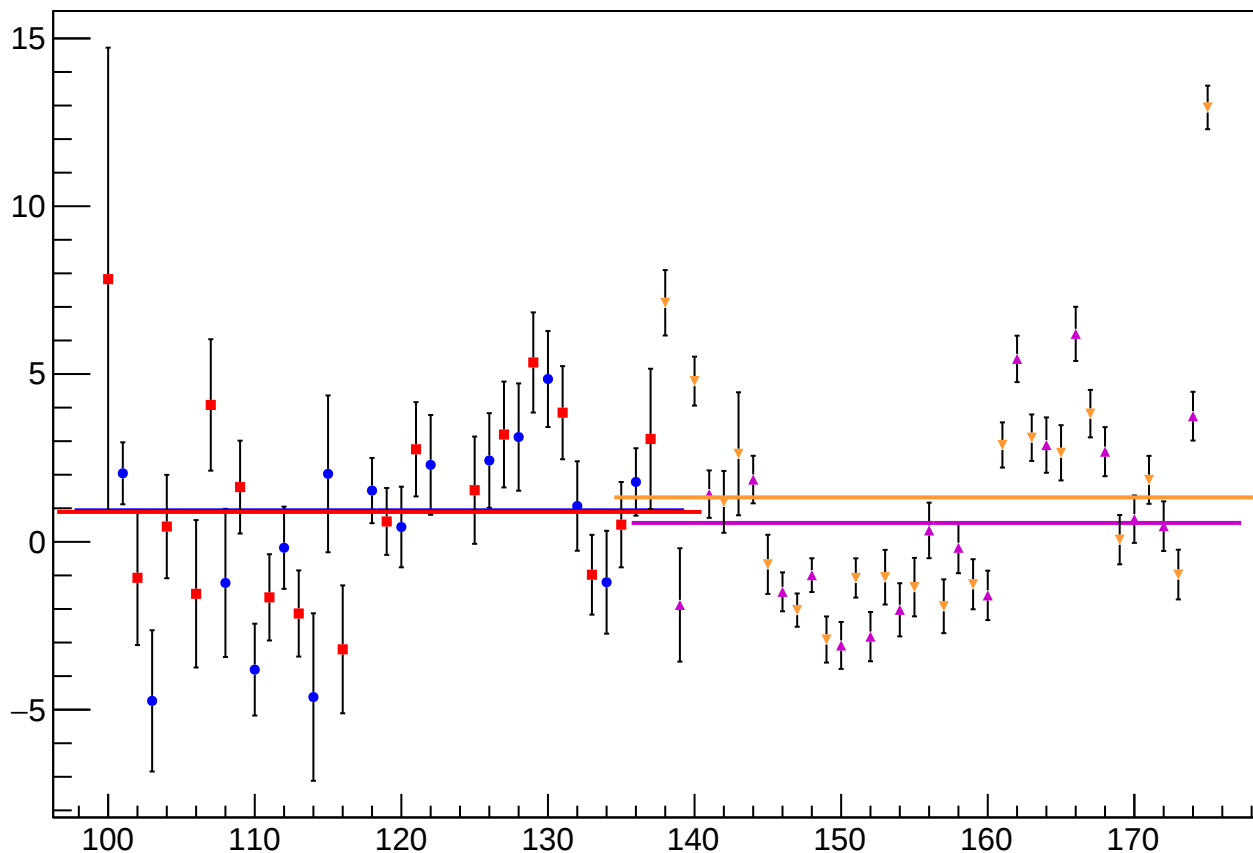
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.723 $\pm$ 0.224 χ^2 /NDF:1269.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.870 $\pm$ 0.230 χ^2 /NDF:505.8/17

Left: -7.337 $\pm$ 0.160 χ^2 /NDF: 1854.8/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.870 $\pm$ 0.230 χ^2 /NDF:505.8/17
 Out: -8.723 $\pm$ 0.224 χ^2 /NDF:1269.8/19
 All: -7.337 $\pm$ 0.160 χ^2 /NDF: 1854.8/37

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 1.326 ± 0.165 $\chi^2/\text{NDF}: 571.4/19$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.564 ± 0.170 $\chi^2/\text{NDF}: 232.1/17$

Left: 0.957 ± 0.118 $\chi^2/\text{NDF}: 813.9/37$

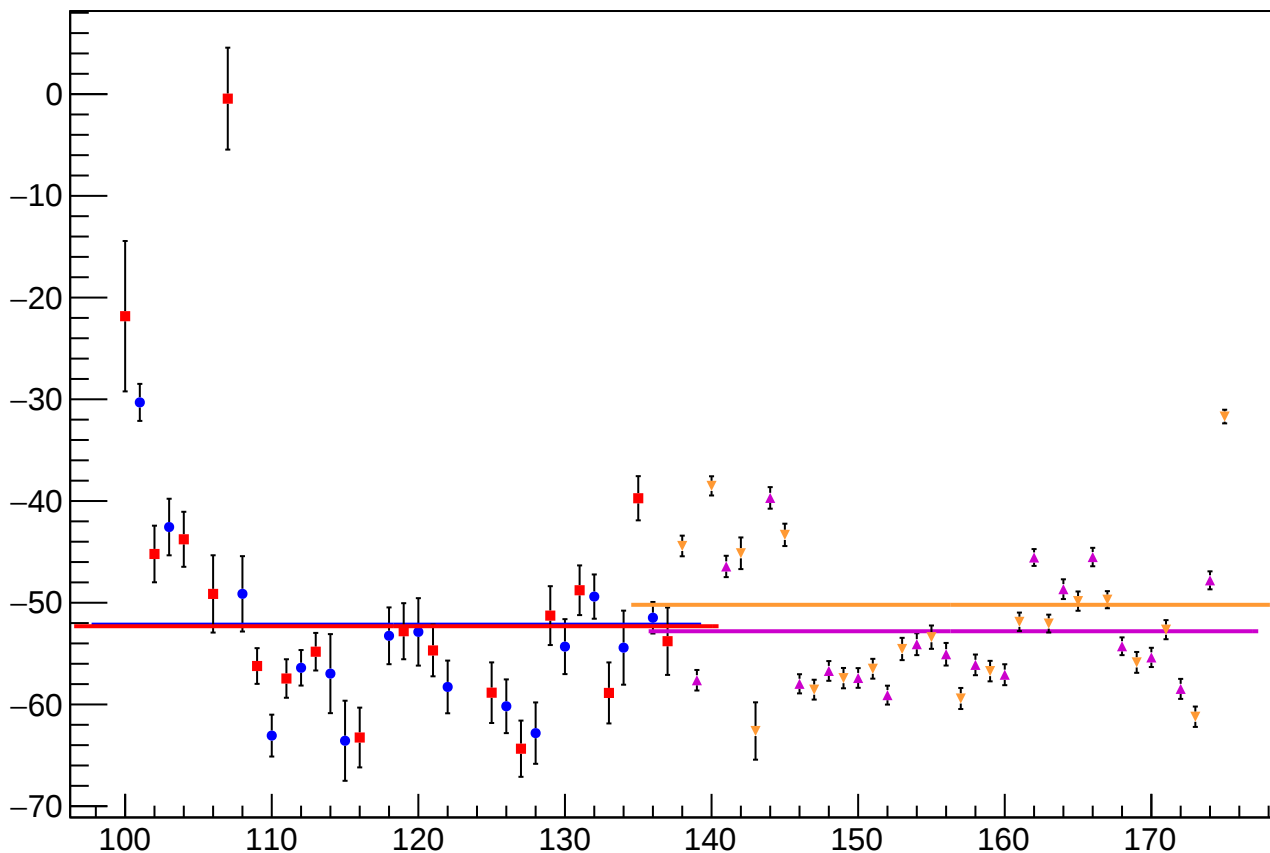
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.640 ± 0.152 $\chi^2/\text{NDF}: 275.3/33$

Out: 1.248 ± 0.149 $\chi^2/\text{NDF}: 614.2/37$

All: 0.949 ± 0.107 $\chi^2/\text{NDF}: 897.7/71$

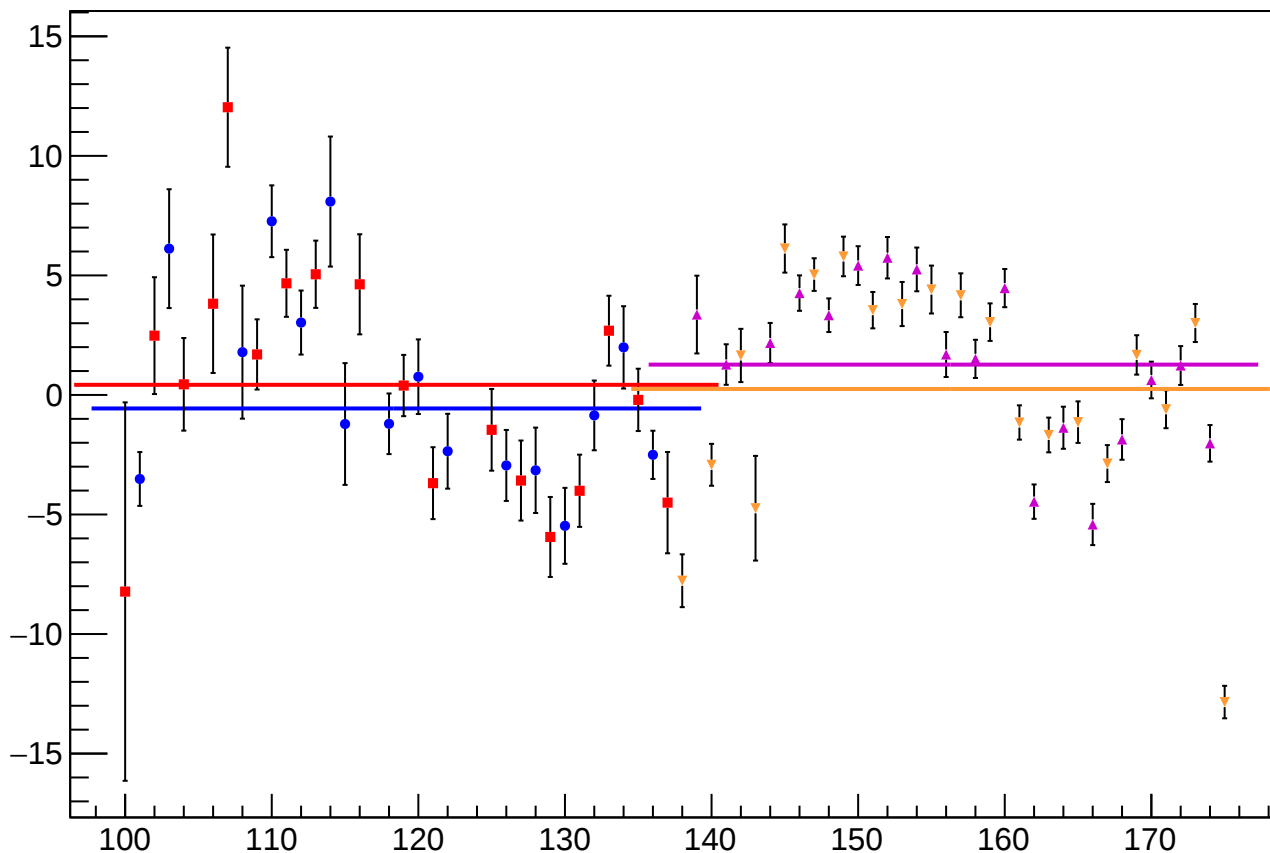
reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15
 Left Out: -50.203 ± 0.221 χ^2/NDF : 1494.0/19
 Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17
 Left In: -52.803 ± 0.228 χ^2/NDF : 595.5/17

Left: -51.465 ± 0.159 χ^2/NDF : 2156.5/37
 Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33
 In: -52.724 ± 0.214 χ^2/NDF : 827.5/33
 Out: -50.444 ± 0.208 χ^2/NDF : 1739.2/37
 All: -51.556 ± 0.149 χ^2/NDF : 2625.2/71

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 $\pm$ 0.384 χ^2/NDF : 81.8/15

Left Out: 0.250 $\pm$ 0.189 χ^2/NDF : 699.6/19

Right Out: 0.423 $\pm$ 0.400 χ^2/NDF : 95.3/17

Left In: 1.269 $\pm$ 0.195 χ^2/NDF : 281.2/17

Left: 0.742 $\pm$ 0.136 χ^2/NDF : 994.9/37

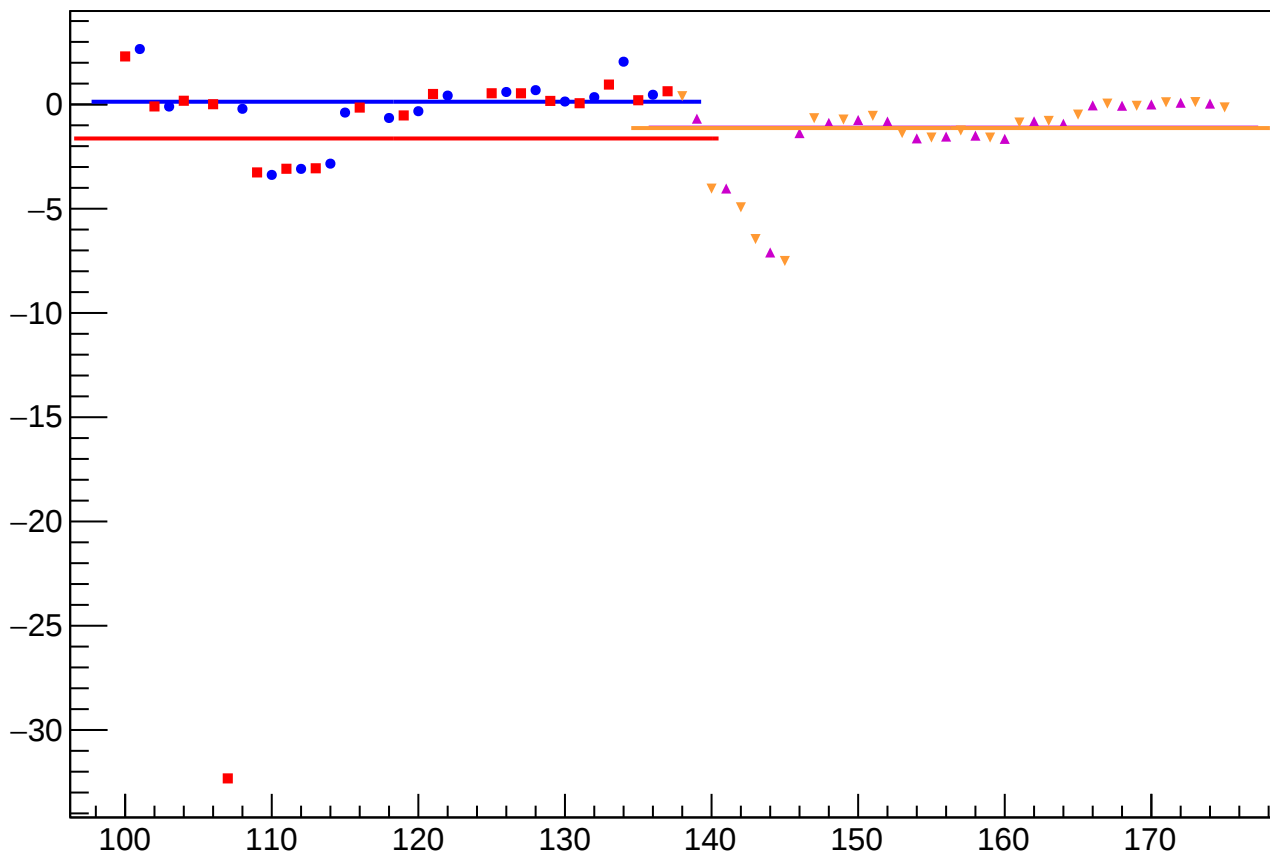
Right: -0.090 $\pm$ 0.277 χ^2/NDF : 180.3/33

In: 0.893 $\pm$ 0.174 χ^2/NDF : 381.1/33

Out: 0.281 $\pm$ 0.171 χ^2/NDF : 795.0/37

All: 0.581 $\pm$ 0.122 χ^2/NDF : 1182.4/71

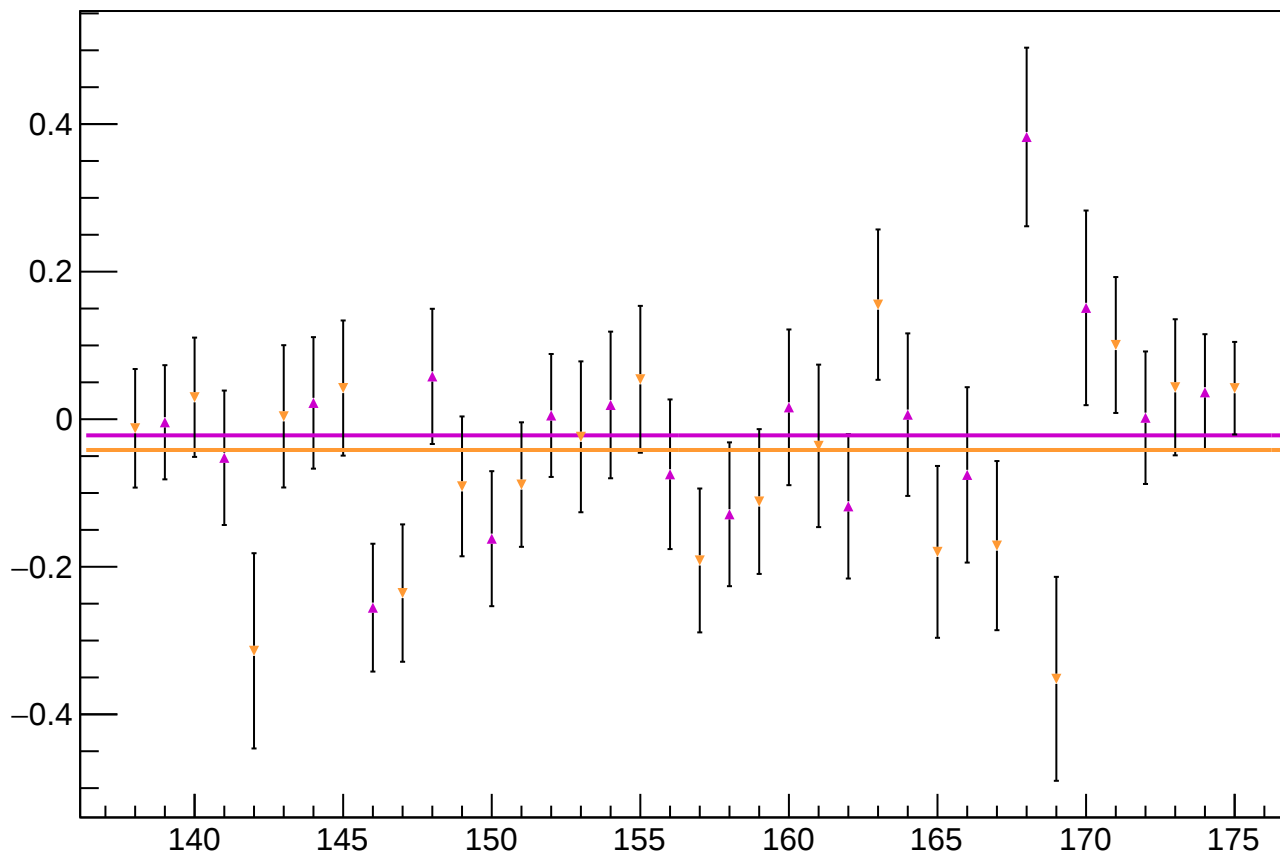
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.132 ± 0.009 $\chi^2/\text{NDF}: 40817.4/19$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.110 ± 0.009 $\chi^2/\text{NDF}: 27772.8/17$

Left: -1.121 ± 0.006 $\chi^2/\text{NDF}: 68593.4/37$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.931 ± 0.008 $\chi^2/\text{NDF}: 35851.2/33$
 Out: -1.202 ± 0.008 $\chi^2/\text{NDF}: 119143.9/37$
 All: -1.067 ± 0.006 $\chi^2/\text{NDF}: 155545.5/71$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.042 $\pm$ 0.021 χ^2 /NDF:31.4/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.022 $\pm$ 0.022 χ^2 /NDF:27.4/17

Left: -0.032 $\pm$ 0.015 χ^2 /NDF: 59.2/37

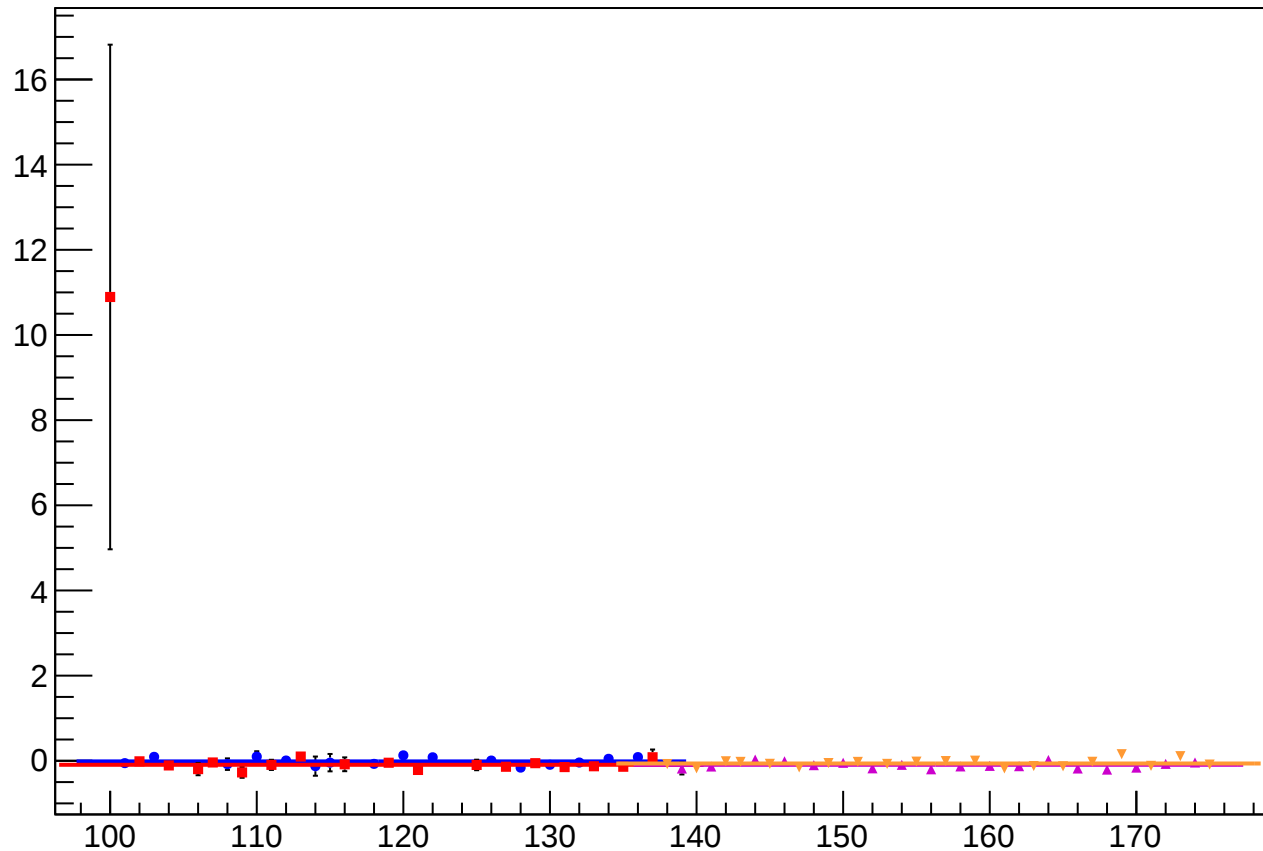
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.022 $\pm$ 0.022 χ^2 /NDF:27.4/17

Out: -0.042 $\pm$ 0.021 χ^2 /NDF:31.4/19

All: -0.032 $\pm$ 0.015 χ^2 /NDF: 59.2/37

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.063 ± 0.015 χ^2/NDF : 25.5/19

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.094 ± 0.016 χ^2/NDF : 16.8/17

Left: -0.078 ± 0.011 χ^2/NDF : 44.1/37

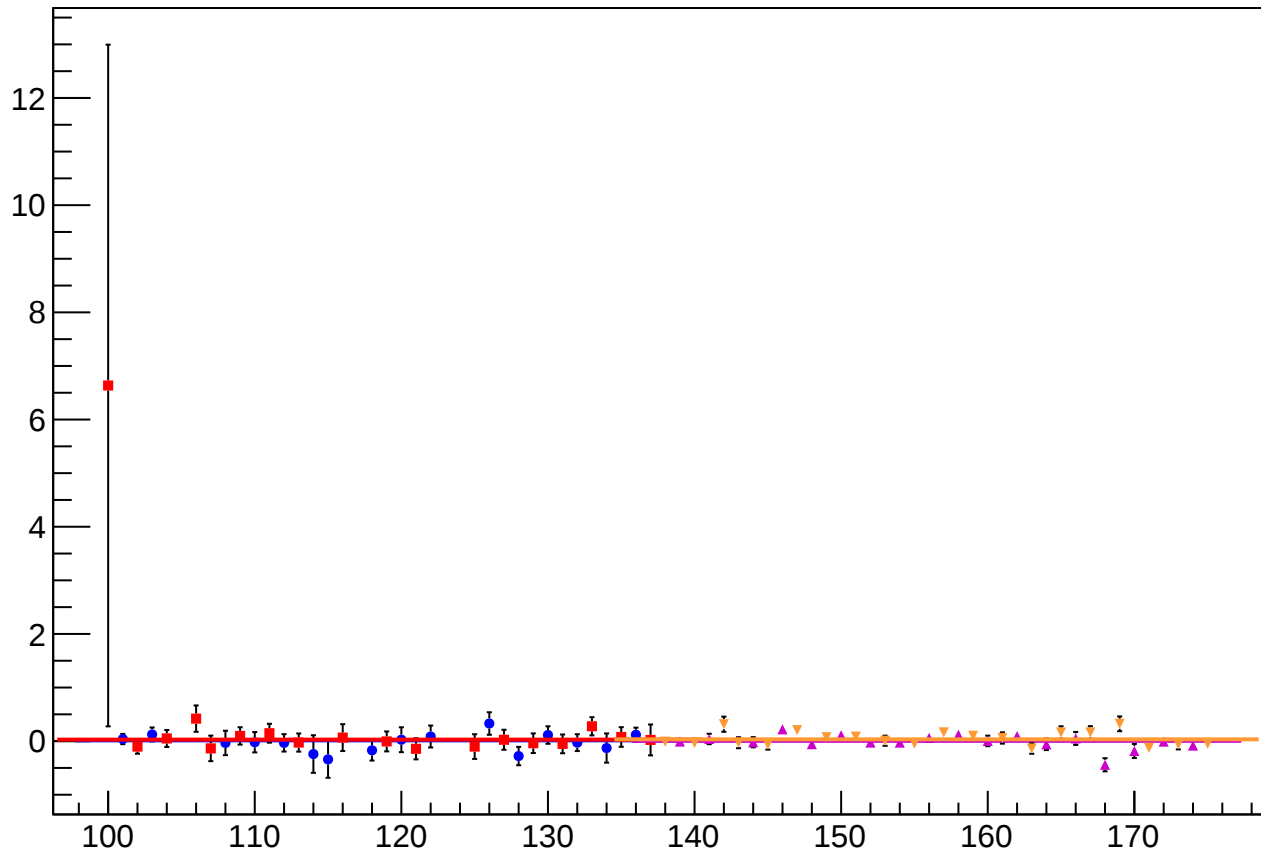
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.068 ± 0.013 χ^2/NDF : 37.1/33

Out: -0.072 ± 0.013 χ^2/NDF : 40.1/37

All: -0.070 ± 0.009 χ^2/NDF : 77.3/71

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.033+/-0.021 χ^2/NDF : 29.5/19

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.006+/-0.022 χ^2/NDF : 29.0/17

Left: 0.020+/-0.015 χ^2/NDF : 59.4/37

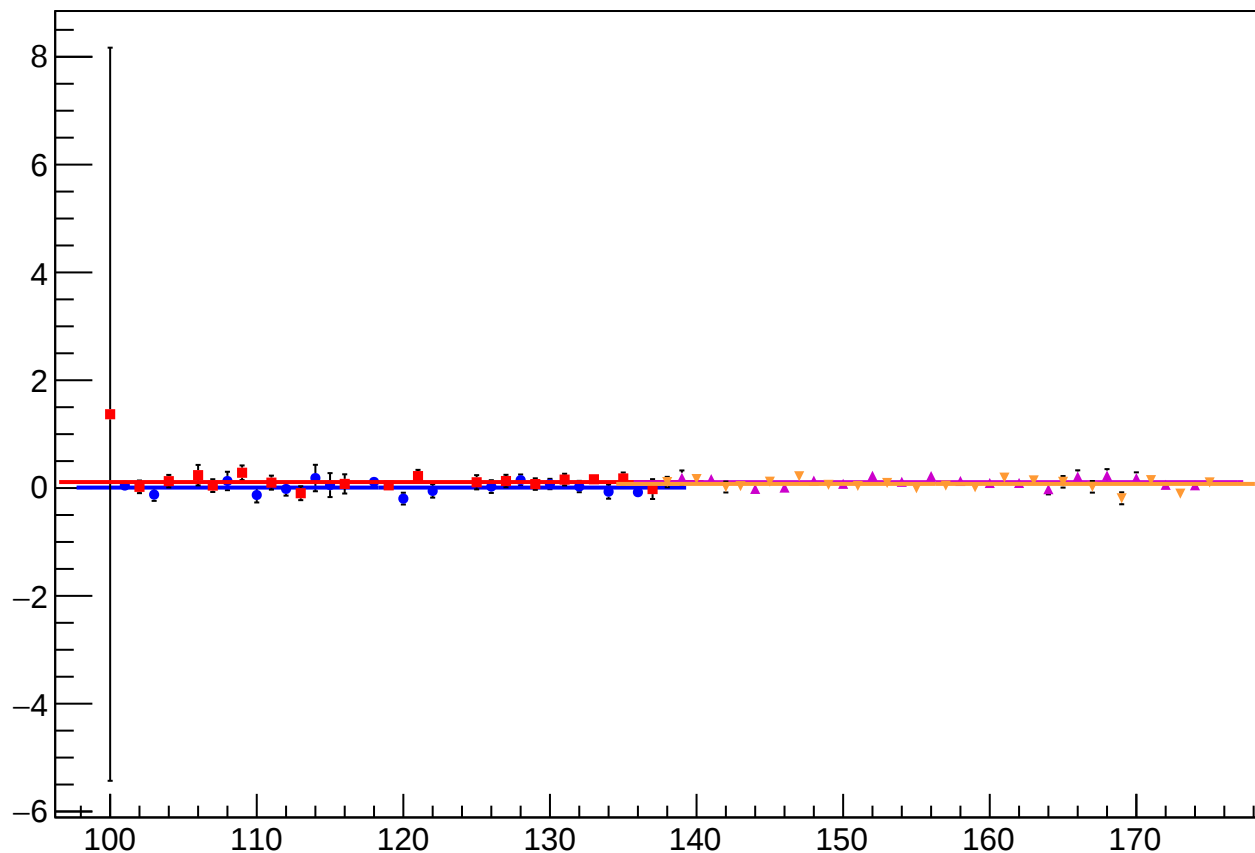
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.008+/-0.020 χ^2/NDF : 39.2/33

Out: 0.032+/-0.019 χ^2/NDF : 39.1/37

All: 0.020+/-0.014 χ^2/NDF : 79.1/71

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.077 $\pm$ 0.018 χ^2 /NDF: 25.3/19

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.109 $\pm$ 0.019 χ^2 /NDF: 16.3/17

Left: 0.092 $\pm$ 0.013 χ^2 /NDF: 43.2/37

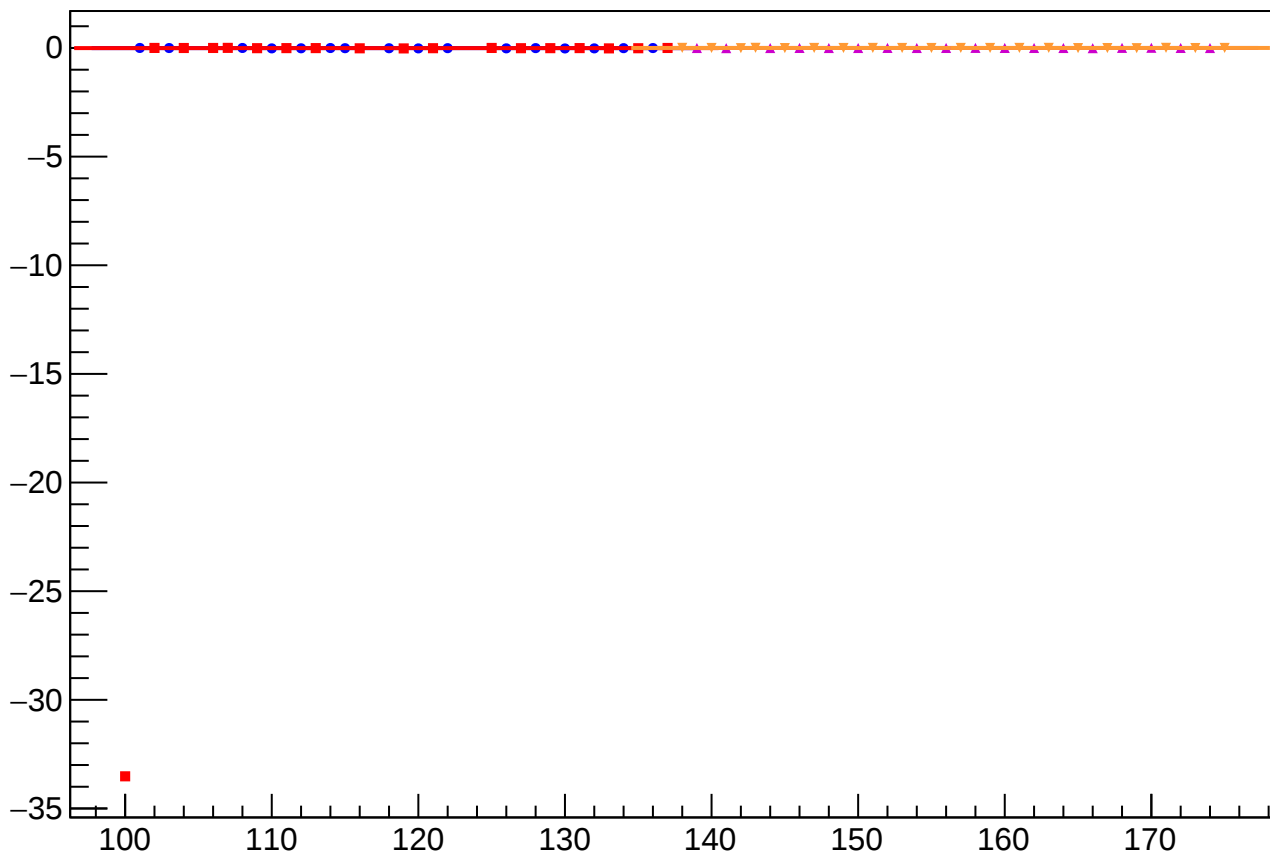
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.076 $\pm$ 0.015 χ^2 /NDF: 38.3/33

Out: 0.086 $\pm$ 0.015 χ^2 /NDF: 35.0/37

All: 0.081 $\pm$ 0.011 χ^2 /NDF: 73.5/71

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 20.7/19

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 15.5/17

Left: 0.001 ± 0.001 χ^2/NDF : 36.8/37

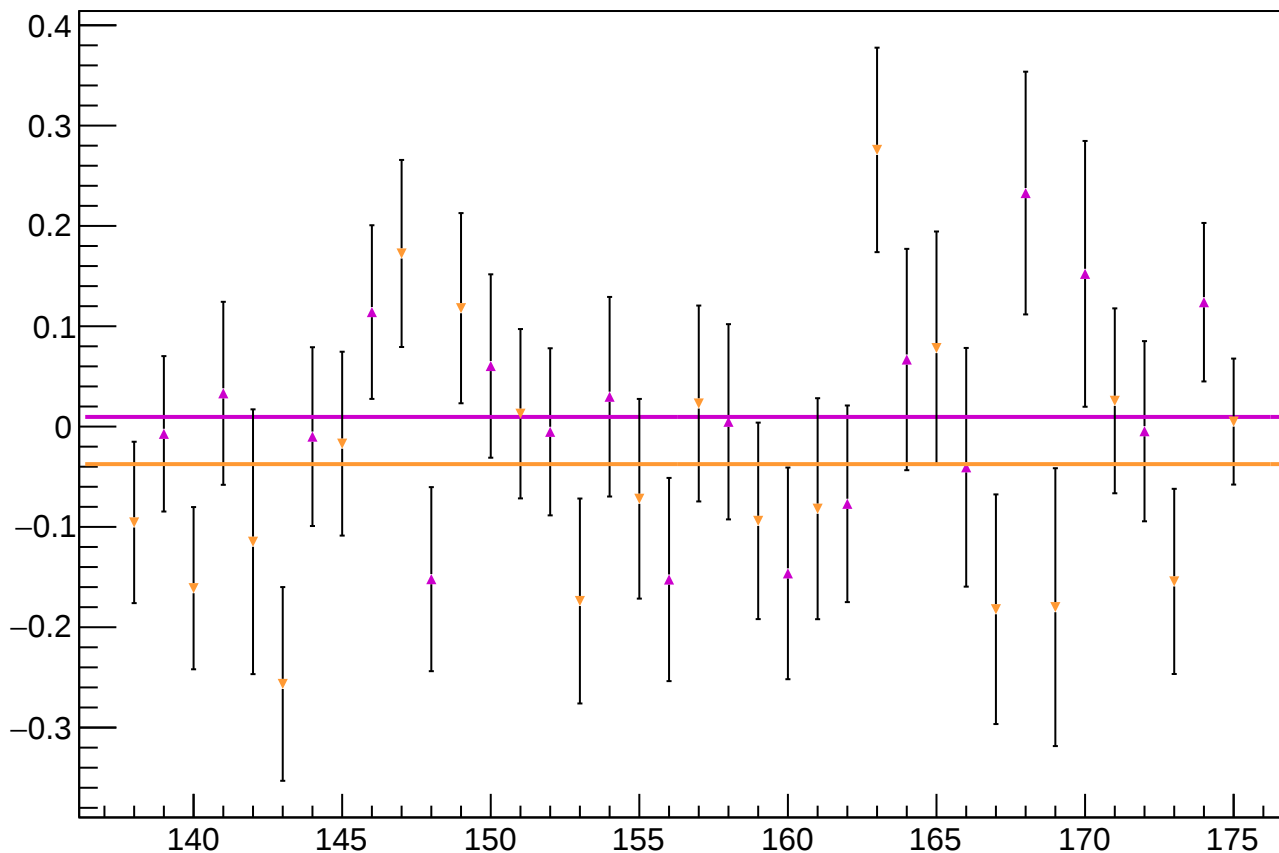
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.001 ± 0.001 χ^2/NDF : 50.0/33

Out: -0.000 ± 0.001 χ^2/NDF : 26547.8/37

All: -0.001 ± 0.001 χ^2/NDF : 26598.2/71

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.037 $\pm$ 0.021 χ^2 /NDF:34.9/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.010 $\pm$ 0.022 χ^2 /NDF:17.8/17

Left: -0.015 $\pm$ 0.015 χ^2 /NDF: 55.0/37

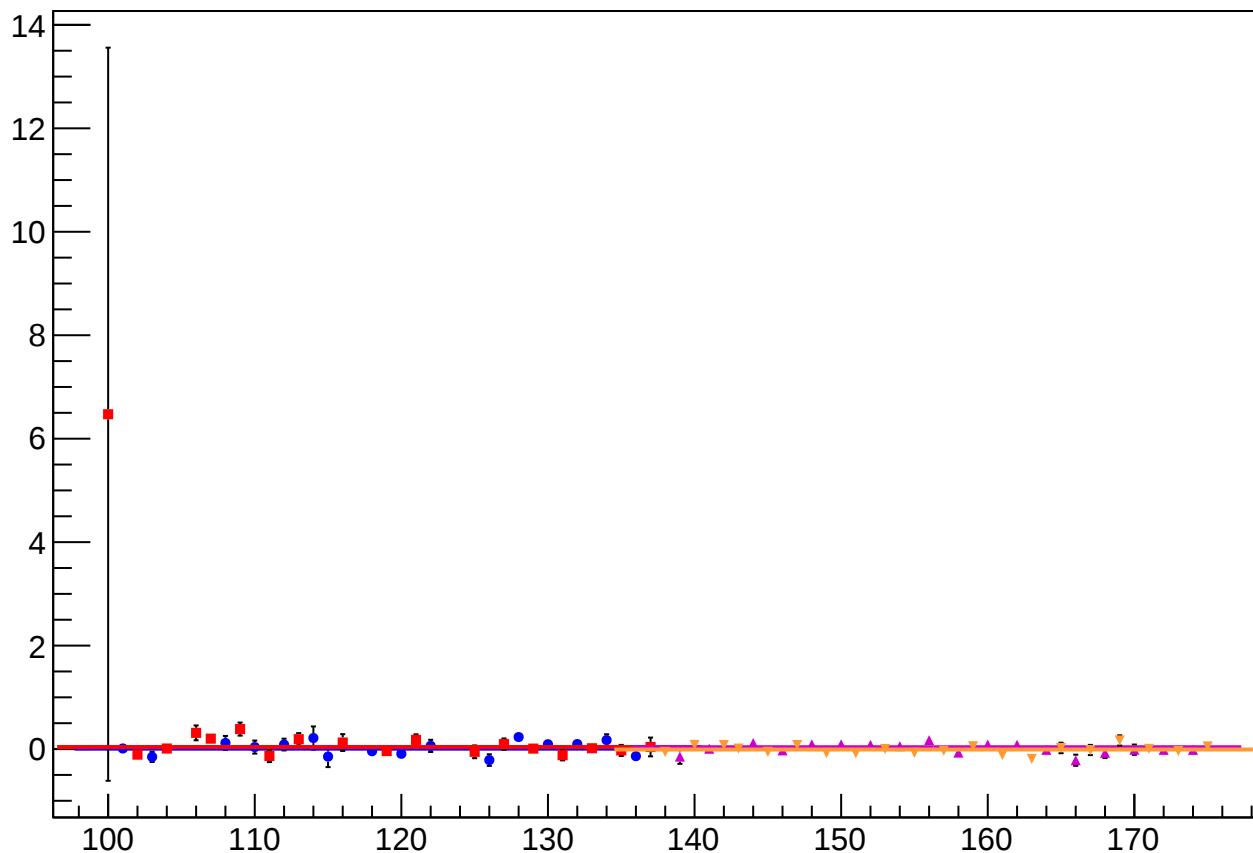
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.010 $\pm$ 0.022 χ^2 /NDF:17.8/17

Out: -0.037 $\pm$ 0.021 χ^2 /NDF:34.9/19

All: -0.015 $\pm$ 0.015 χ^2 /NDF: 55.0/37

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008+/-0.023 χ^2/NDF : 23.7/15

Left Out: -0.009+/-0.015 χ^2/NDF : 24.3/19

Right Out: 0.039+/-0.025 χ^2/NDF : 28.4/17

Left In: 0.035+/-0.016 χ^2/NDF : 23.1/17

Left: 0.012+/-0.011 χ^2/NDF : 51.2/37

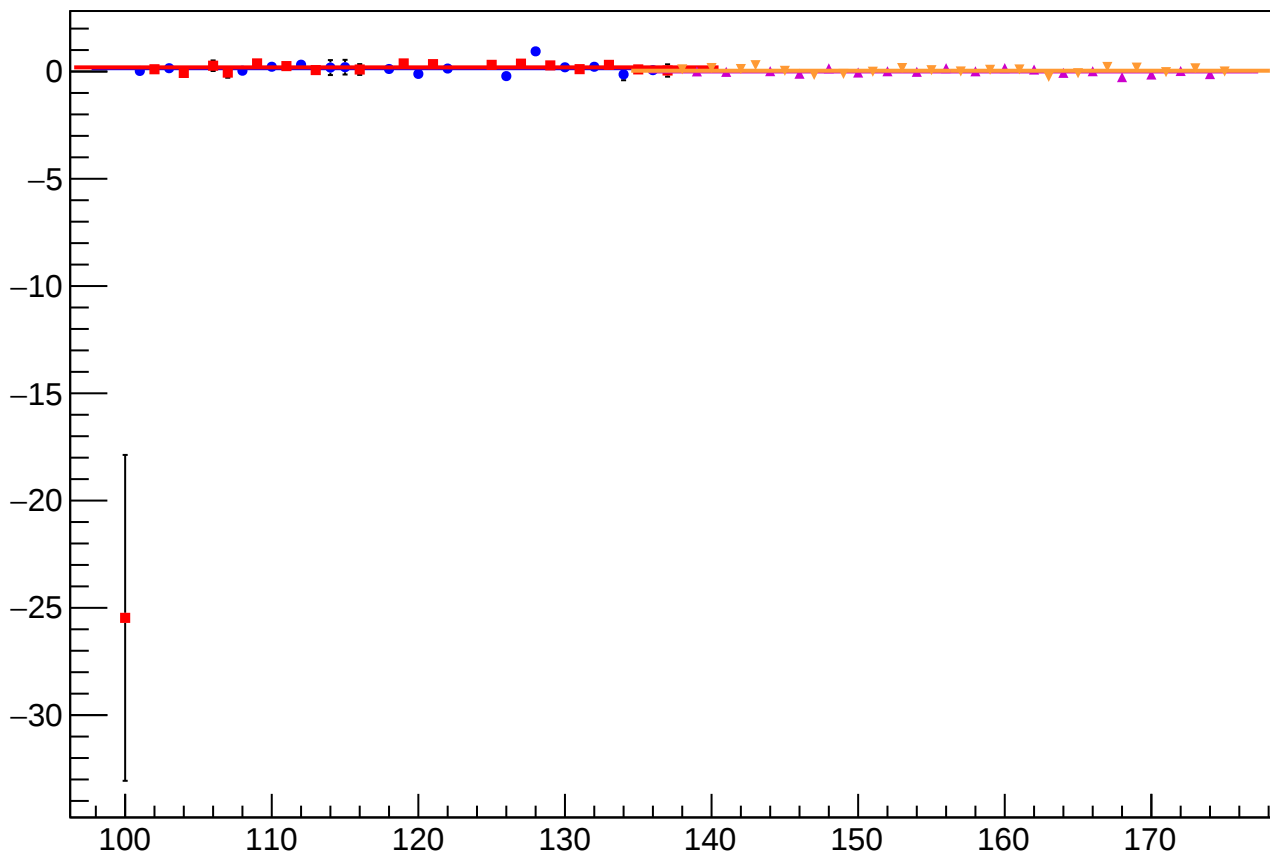
Right: 0.023+/-0.017 χ^2/NDF : 52.9/33

In: 0.026+/-0.013 χ^2/NDF : 47.6/33

Out: 0.005+/-0.013 χ^2/NDF : 55.4/37

All: 0.015+/-0.009 χ^2/NDF : 104.4/71

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.037 $\pm$ 0.021 χ^2 /NDF:35.0/19

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: 0.001 $\pm$ 0.022 χ^2 /NDF:19.4/17

Left: 0.020 $\pm$ 0.015 χ^2 /NDF: 55.7/37

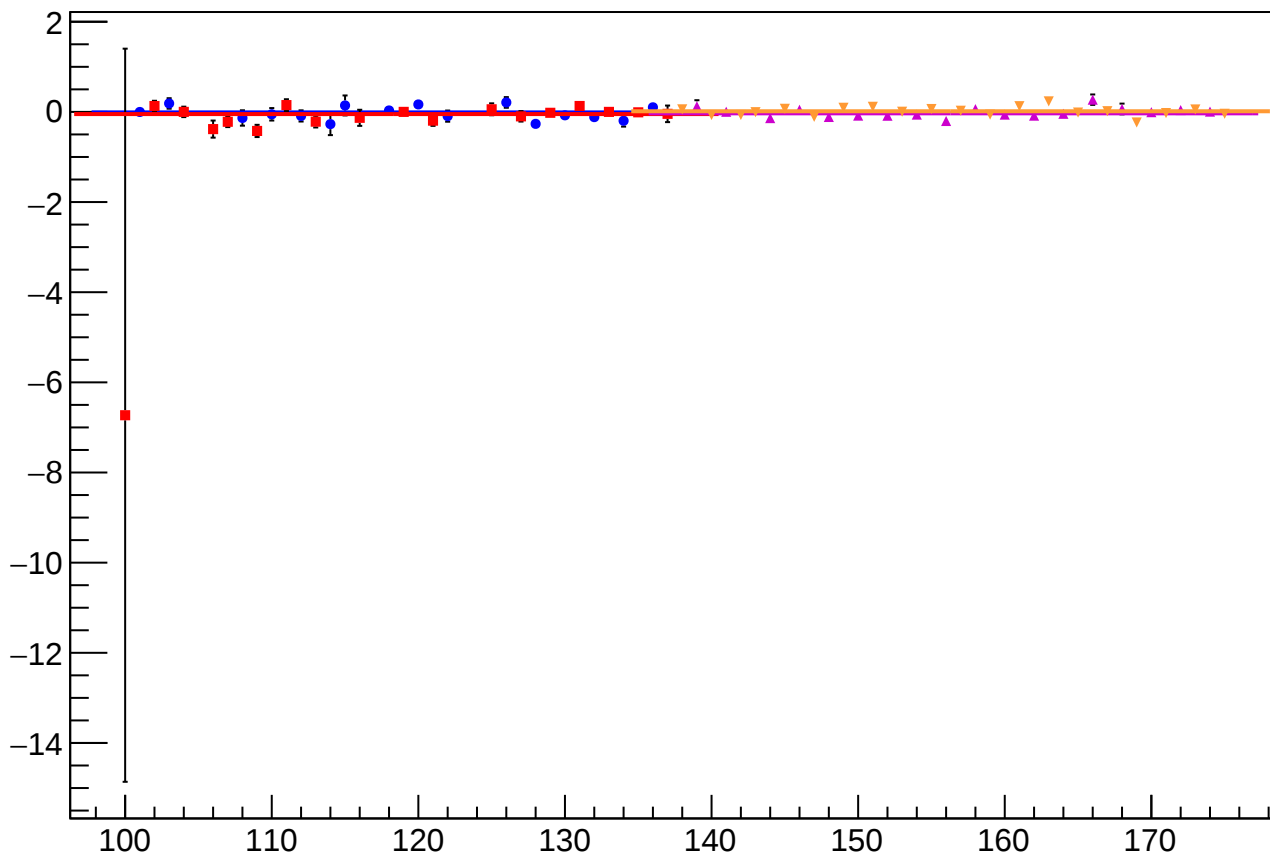
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.034 $\pm$ 0.020 χ^2 /NDF:59.9/33

Out: 0.065 $\pm$ 0.019 χ^2 /NDF:67.0/37

All: 0.050 $\pm$ 0.014 χ^2 /NDF: 128.1/71

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.014 ± 0.018 $\chi^2/\text{NDF}: 27.1/19$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.032 ± 0.019 $\chi^2/\text{NDF}: 23.5/17$

Left: -0.008 ± 0.013 $\chi^2/\text{NDF}: 53.7/37$

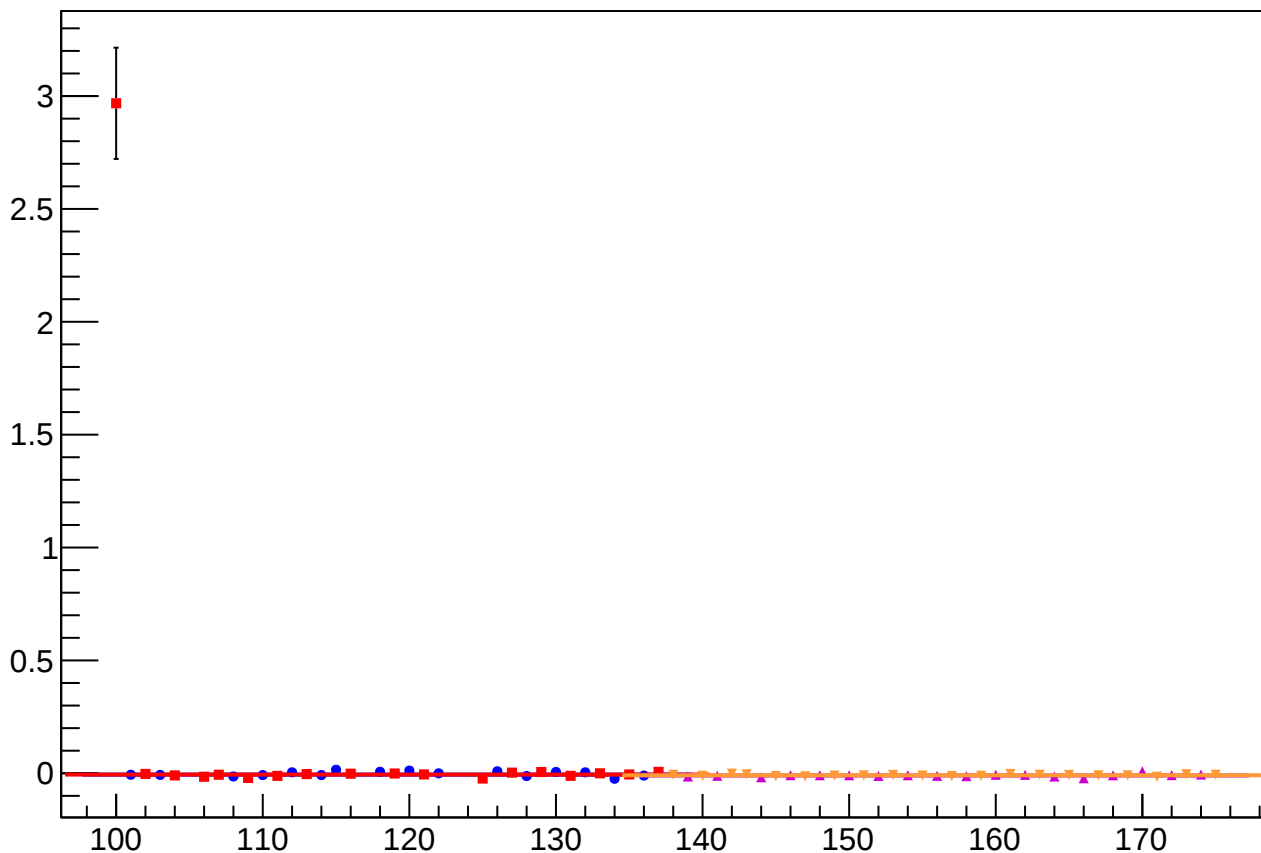
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.025 ± 0.015 $\chi^2/\text{NDF}: 47.3/33$

Out: -0.003 ± 0.015 $\chi^2/\text{NDF}: 56.8/37$

All: -0.014 ± 0.011 $\chi^2/\text{NDF}: 105.1/71$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF:16.2/19

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 165.2/17

Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:32.1/17

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 49.0/37

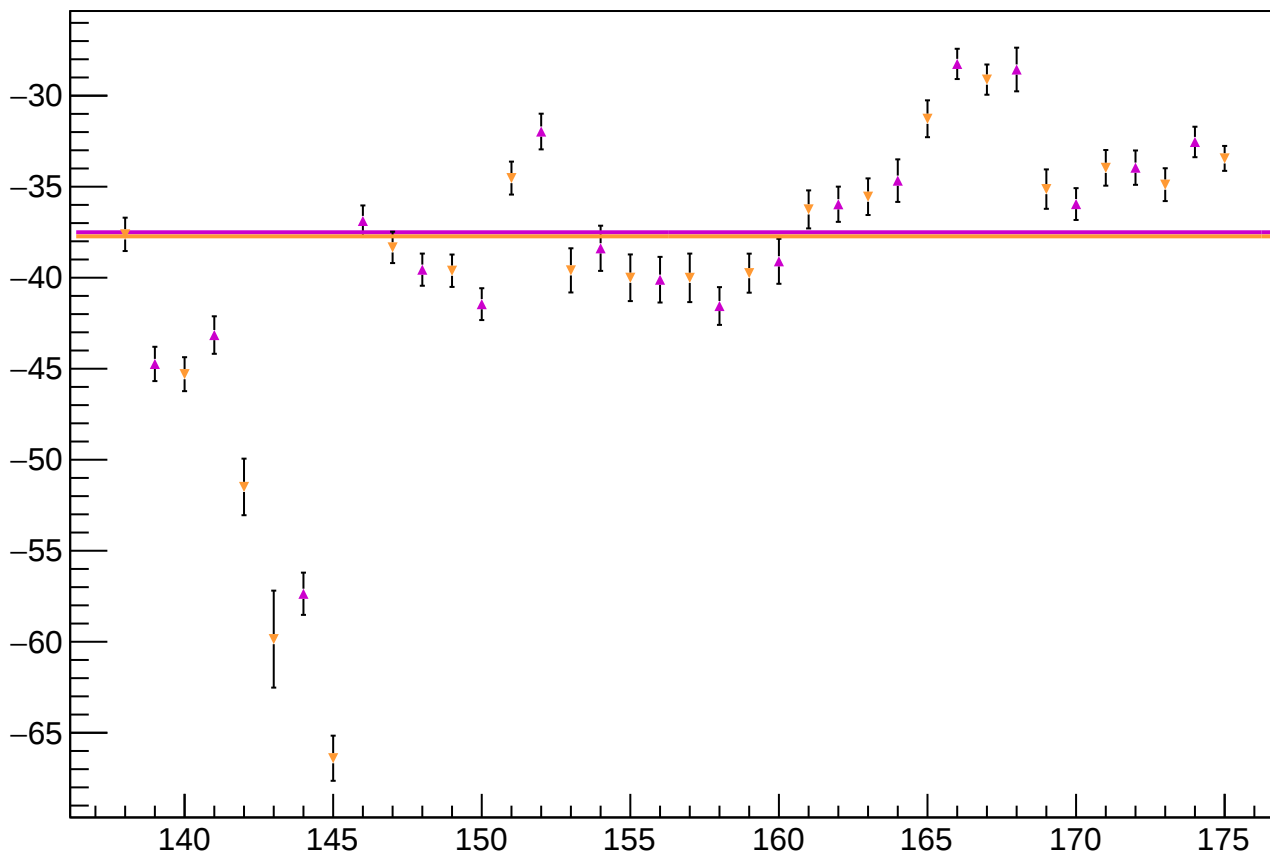
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 193.9/33

In: -0.009 $\pm$ 0.001 χ^2 /NDF:66.2/33

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:184.7/37

All: -0.008 $\pm$ 0.001 χ^2 /NDF: 251.4/71

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.728+/-0.225 χ^2/NDF :1002.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.505+/-0.233 χ^2/NDF :702.0/17

Left: -37.620+/-0.162 χ^2/NDF : 1704.8/37

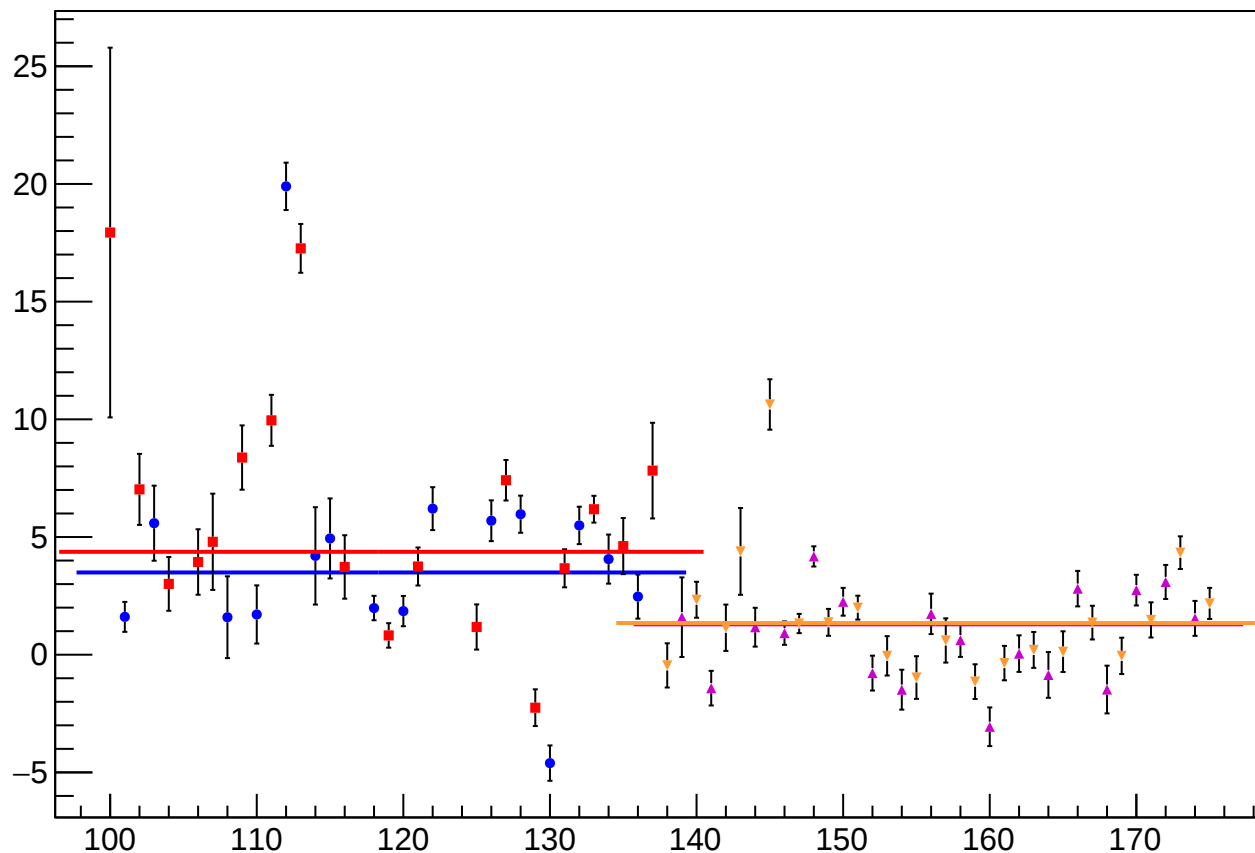
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.505+/-0.233 χ^2/NDF :702.0/17

Out: -37.728+/-0.225 χ^2/NDF :1002.3/19

All: -37.620+/-0.162 χ^2/NDF : 1704.8/37

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.345 $\pm$ 0.162 χ^2 /NDF:139.3/19

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.291 $\pm$ 0.168 χ^2 /NDF:140.0/17

Left: 1.319 $\pm$ 0.116 χ^2 /NDF: 279.4/37

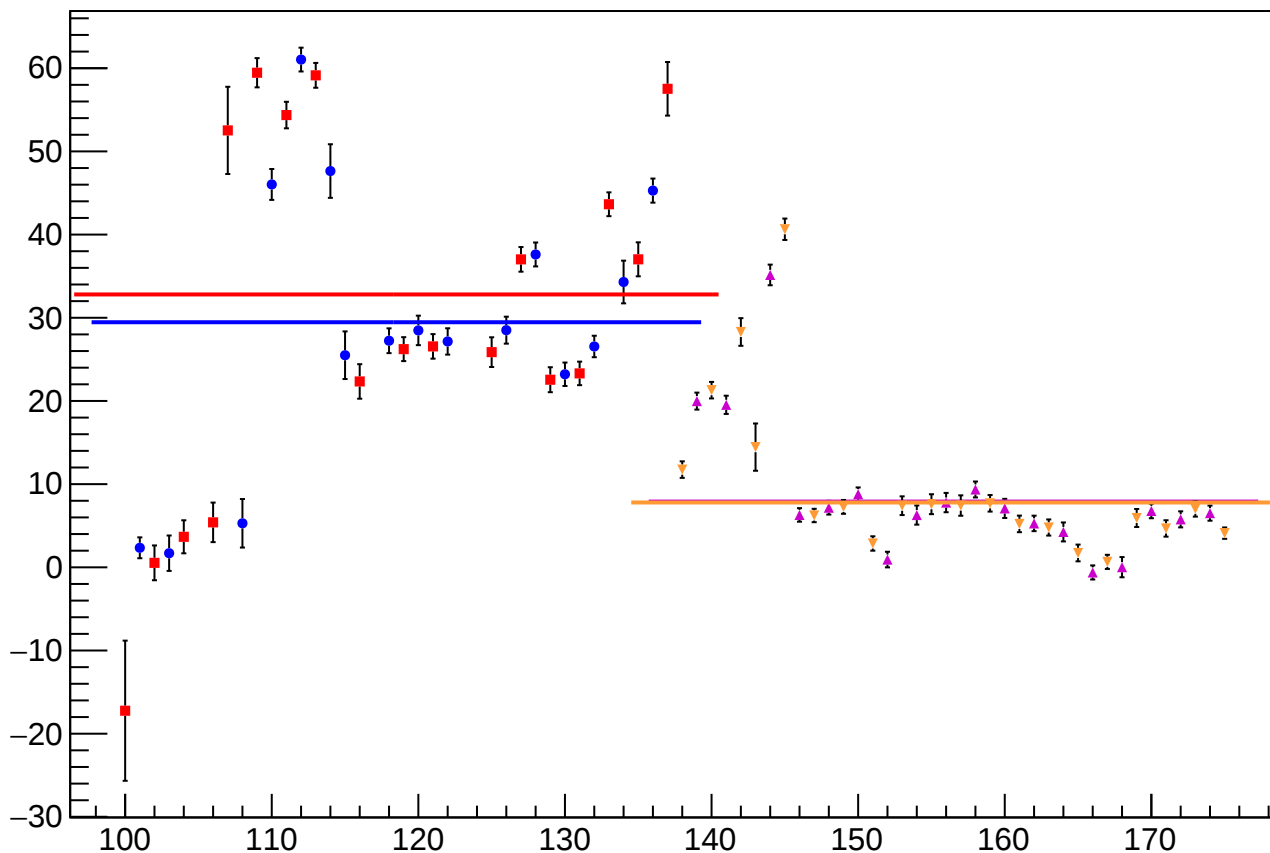
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.111 $\pm$ 0.133 χ^2 /NDF:649.2/33

Out: 2.373 $\pm$ 0.131 χ^2 /NDF:612.4/37

All: 2.244 $\pm$ 0.093 χ^2 /NDF: 1263.6/71

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 ± 0.418 χ^2/NDF : 1491.6/15

Left Out: 7.795 ± 0.223 χ^2/NDF : 1212.7/19

Right Out: 32.804 ± 0.423 χ^2/NDF : 1659.8/17

Left In: 7.905 ± 0.230 χ^2/NDF : 971.1/17

Left: 7.849 ± 0.160 χ^2/NDF : 2183.9/37

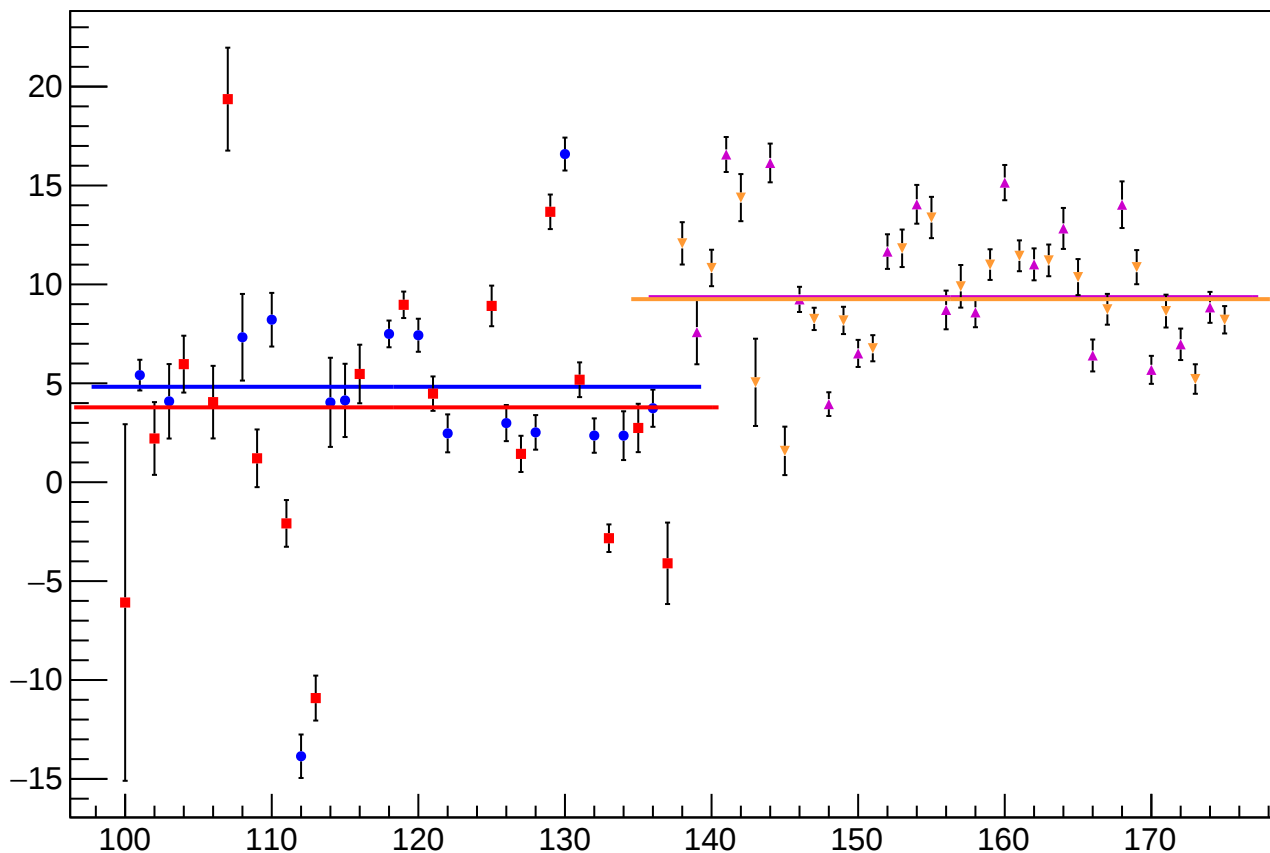
Right: 31.111 ± 0.297 χ^2/NDF : 3183.0/33

In: 12.912 ± 0.201 χ^2/NDF : 4509.5/33

Out: 13.216 ± 0.197 χ^2/NDF : 5610.6/37

All: 13.067 ± 0.141 χ^2/NDF : 10121.3/71

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.255 ± 0.187 $\chi^2/\text{NDF}: 170.8/19$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.357 ± 0.195 $\chi^2/\text{NDF}: 368.7/17$

Left: 9.304 ± 0.135 $\chi^2/\text{NDF}: 539.7/37$

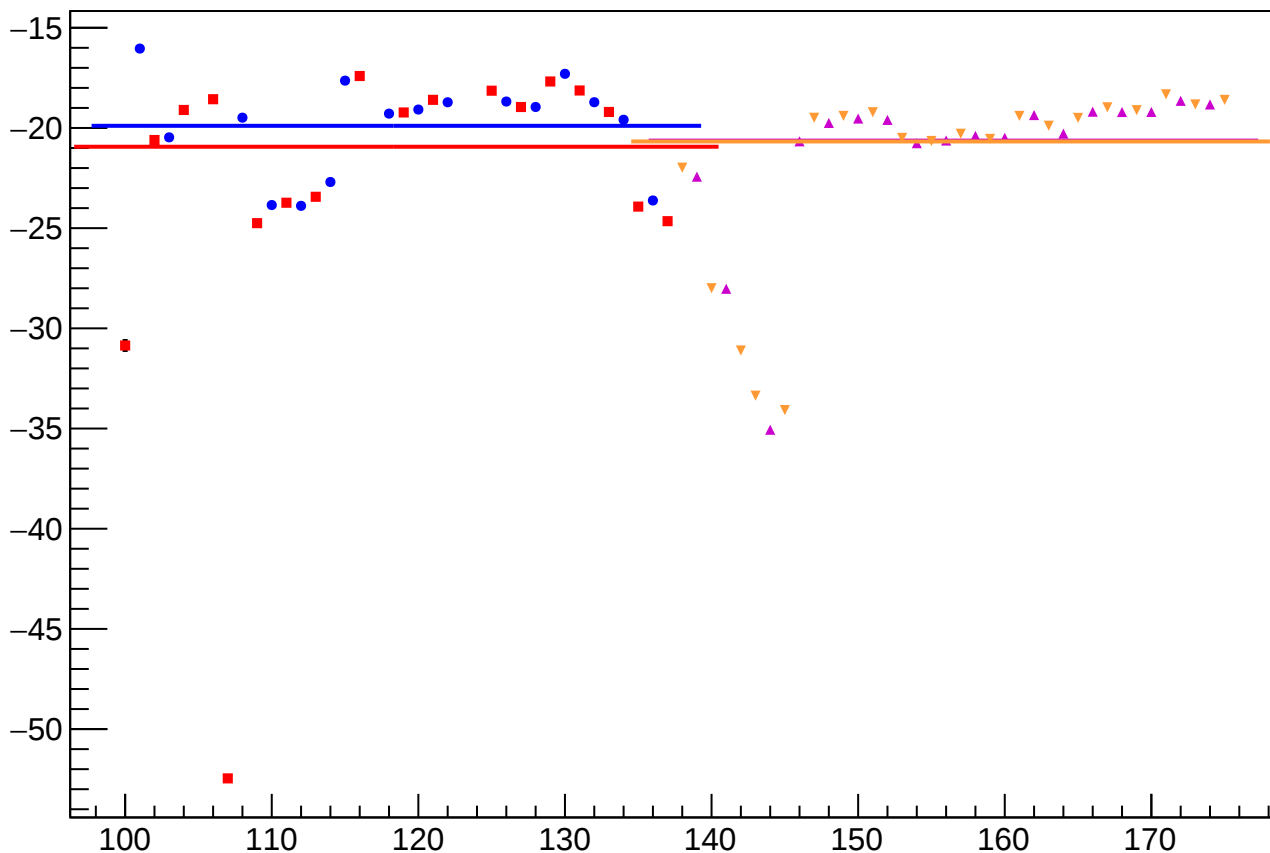
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.662 ± 0.154 $\chi^2/\text{NDF}: 1124.7/33$

Out: 7.373 ± 0.152 $\chi^2/\text{NDF}: 1028.7/37$

All: 7.516 ± 0.108 $\chi^2/\text{NDF}: 2155.2/71$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -20.673 ± 0.009 χ^2/NDF : 157232.9/19

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

Left In: -20.631 ± 0.009 χ^2/NDF : 115079.5/17

Left: -20.652 ± 0.006 χ^2/NDF : 272323.6/37

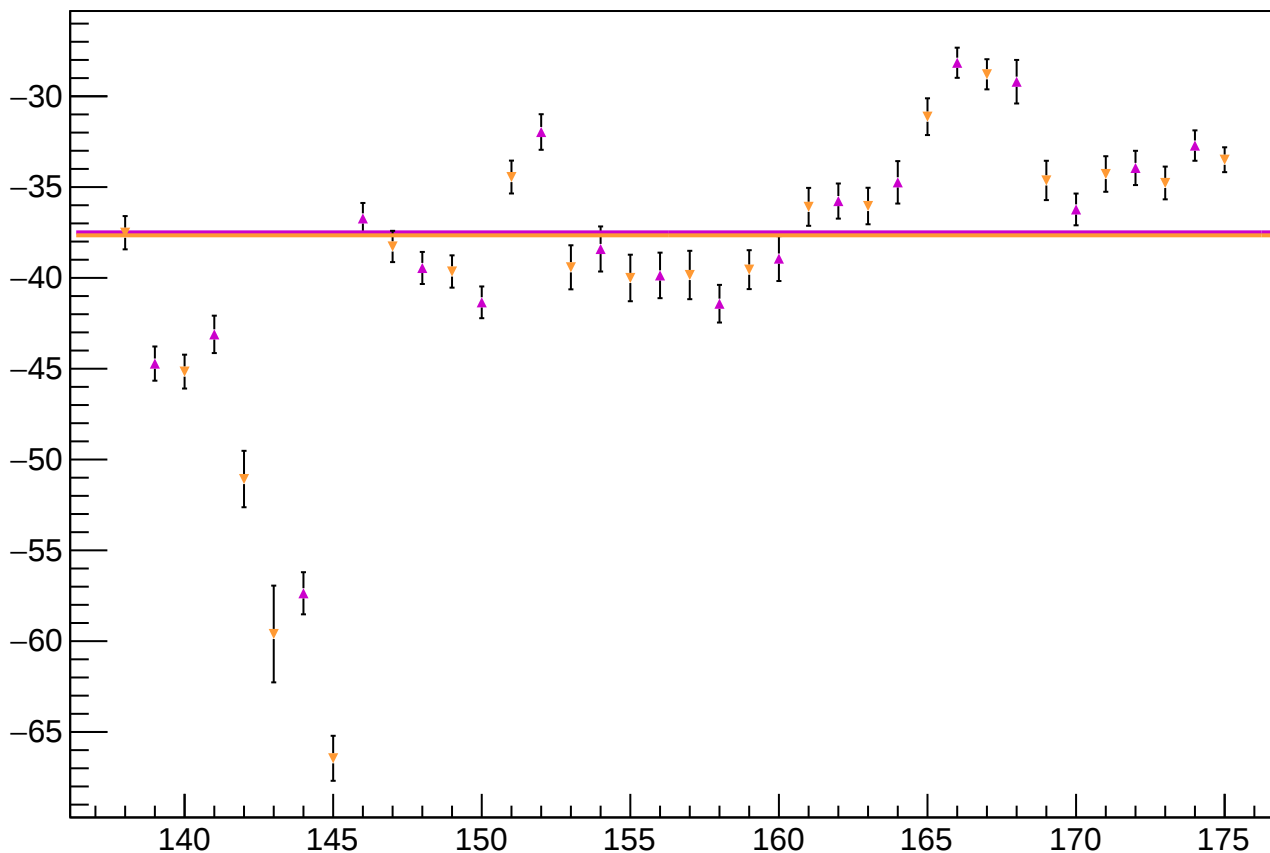
Right: -20.410 ± 0.011 χ^2/NDF : 122445.5/33

In: -20.447 ± 0.008 χ^2/NDF : 142860.1/33

Out: -20.737 ± 0.008 χ^2/NDF : 251572.7/37

All: -20.593 ± 0.005 χ^2/NDF : 395130.4/71

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



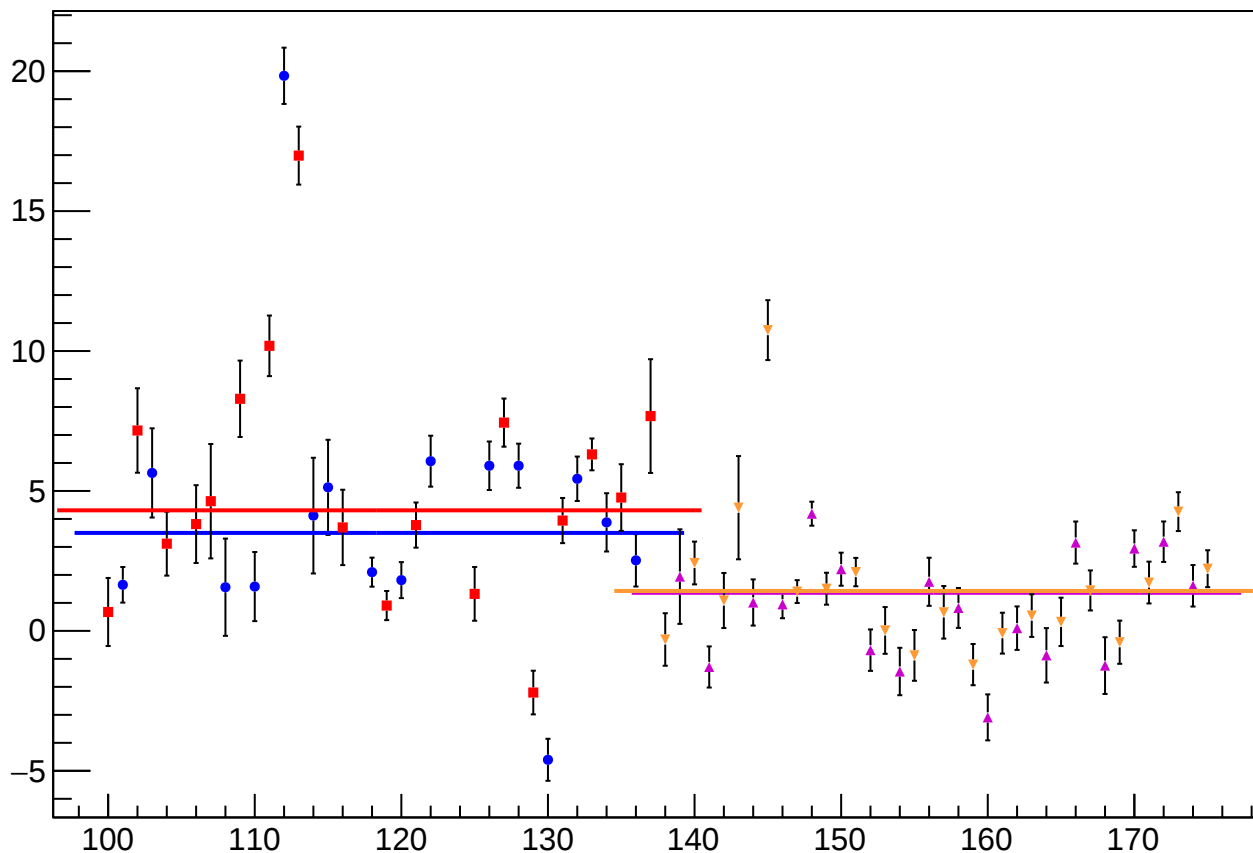
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -37.656+/-0.225 χ^2/NDF :1004.5/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -37.493+/-0.232 χ^2/NDF :690.9/17

Left: -37.577+/-0.162 χ^2/NDF : 1695.7/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.493+/-0.232 χ^2/NDF :690.9/17
 Out: -37.656+/-0.225 χ^2/NDF :1004.5/19

All: -37.577+/-0.162 χ^2/NDF : 1695.7/37

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.427 $\pm$ 0.161 χ^2 /NDF:139.3/19

Right Out: 4.308 $\pm$ 0.221 χ^2 /NDF: 352.8/17

Left In: 1.360 $\pm$ 0.168 χ^2 /NDF:140.9/17

Left: 1.395 $\pm$ 0.116 χ^2 /NDF: 280.3/37

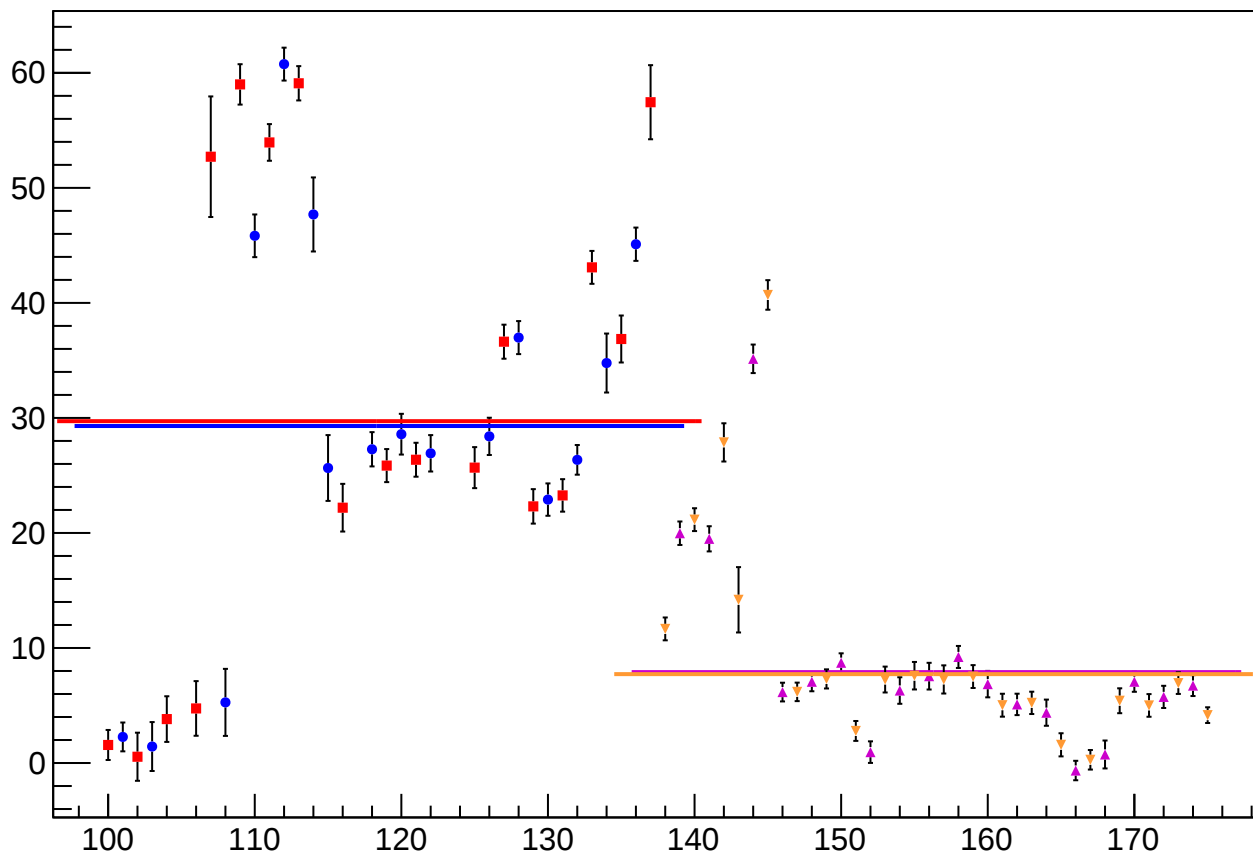
Right: 3.897 $\pm$ 0.155 χ^2 /NDF: 801.4/33

In: 2.158 $\pm$ 0.133 χ^2 /NDF:643.5/33

Out: 2.427 $\pm$ 0.130 χ^2 /NDF:602.7/37

All: 2.295 $\pm$ 0.093 χ^2 /NDF: 1248.3/71

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 7.727 $\pm$ 0.222 χ^2 /NDF:1213.6/19

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 7.903 $\pm$ 0.229 χ^2 /NDF:964.2/17

Left: 7.812 $\pm$ 0.160 χ^2 /NDF: 2178.1/37

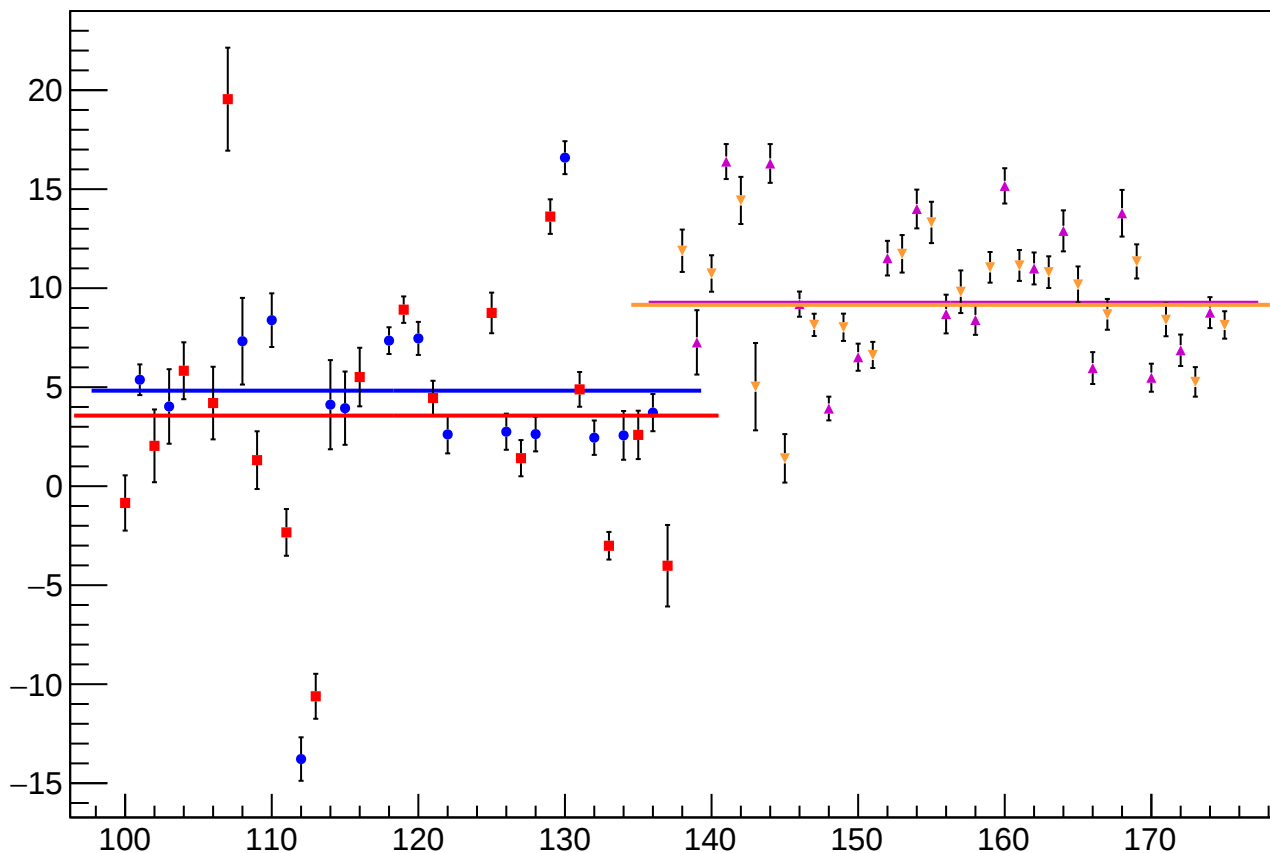
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 12.872 $\pm$ 0.201 χ^2 /NDF:4467.9/33

Out: 12.869 $\pm$ 0.195 χ^2 /NDF:5629.2/37

All: 12.870 $\pm$ 0.140 χ^2 /NDF: 10097.2/71

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.159 $\pm$ 0.187 χ^2 /NDF:172.1/19

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 9.264 $\pm$ 0.194 χ^2 /NDF:375.9/17

Left: 9.210 $\pm$ 0.135 χ^2 /NDF: 548.2/37

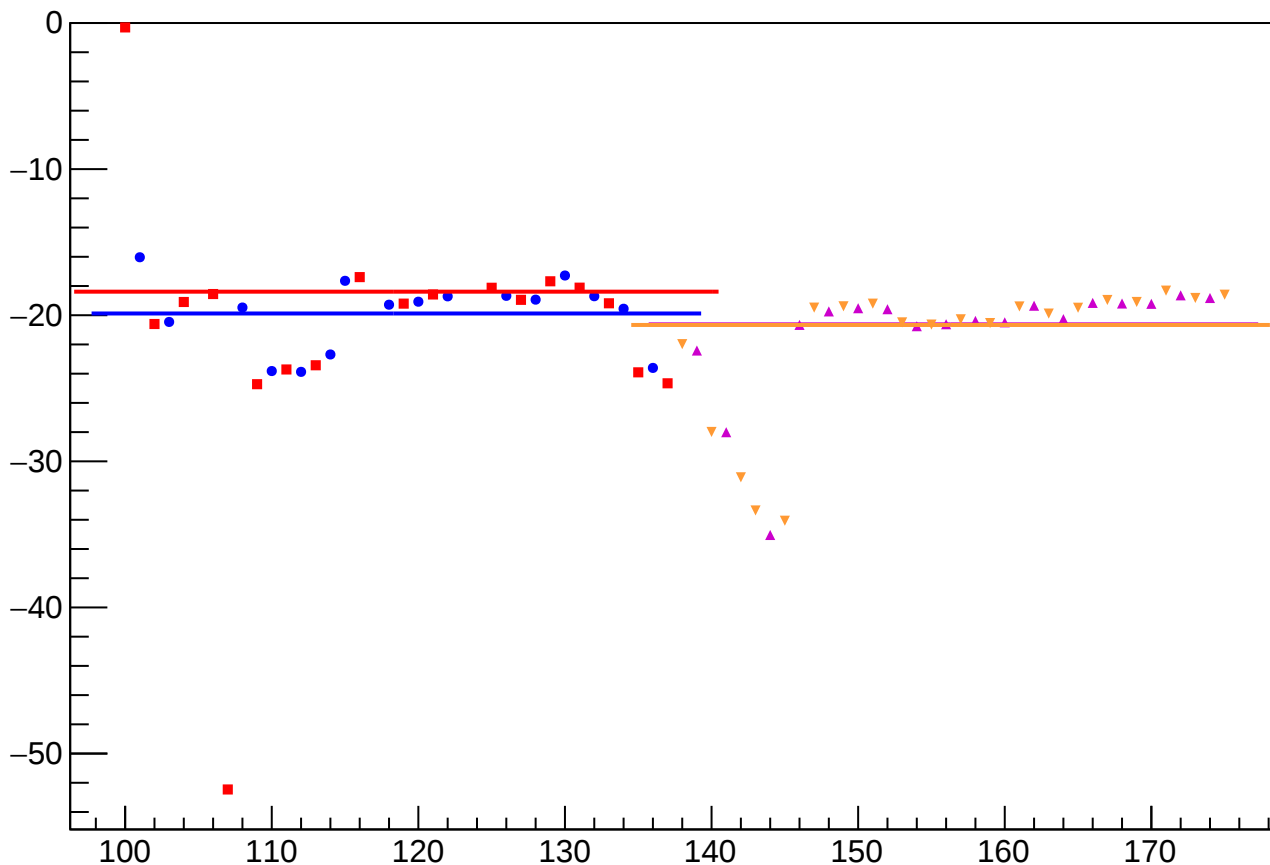
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 7.604 $\pm$ 0.154 χ^2 /NDF:1120.3/33

Out: 7.193 $\pm$ 0.151 χ^2 /NDF:1055.9/37

All: 7.394 $\pm$ 0.108 χ^2 /NDF: 2179.9/71

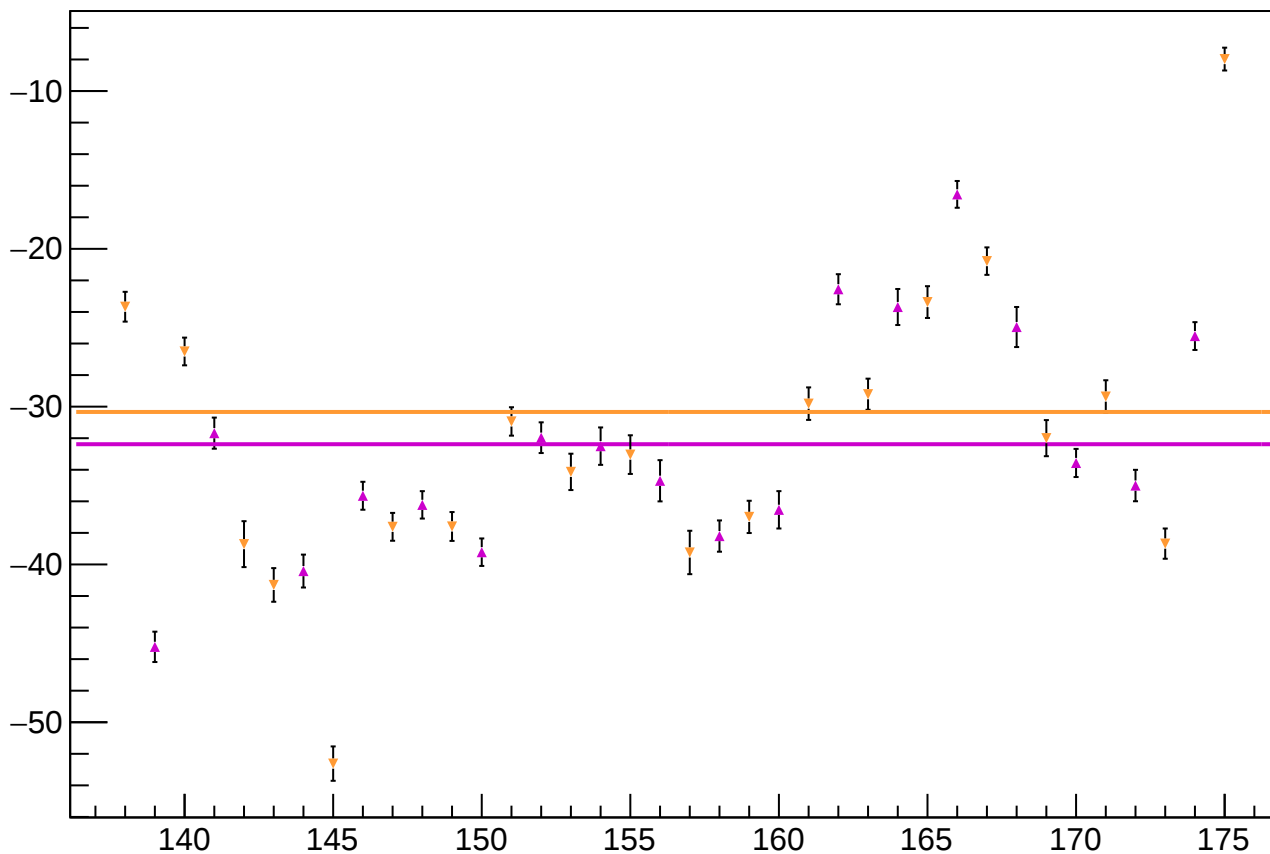
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.666 ± 0.009 $\chi^2/\text{NDF}: 157337.0/19$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -20.623 ± 0.009 $\chi^2/\text{NDF}: 114970.3/17$

Left: -20.644 ± 0.006 $\chi^2/\text{NDF}: 272318.9/37$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.438 ± 0.008 $\chi^2/\text{NDF}: 142758.6/33$
 Out: -20.058 ± 0.008 $\chi^2/\text{NDF}: 476113.1/37$
 All: -20.244 ± 0.005 $\chi^2/\text{NDF}: 620092.7/71$

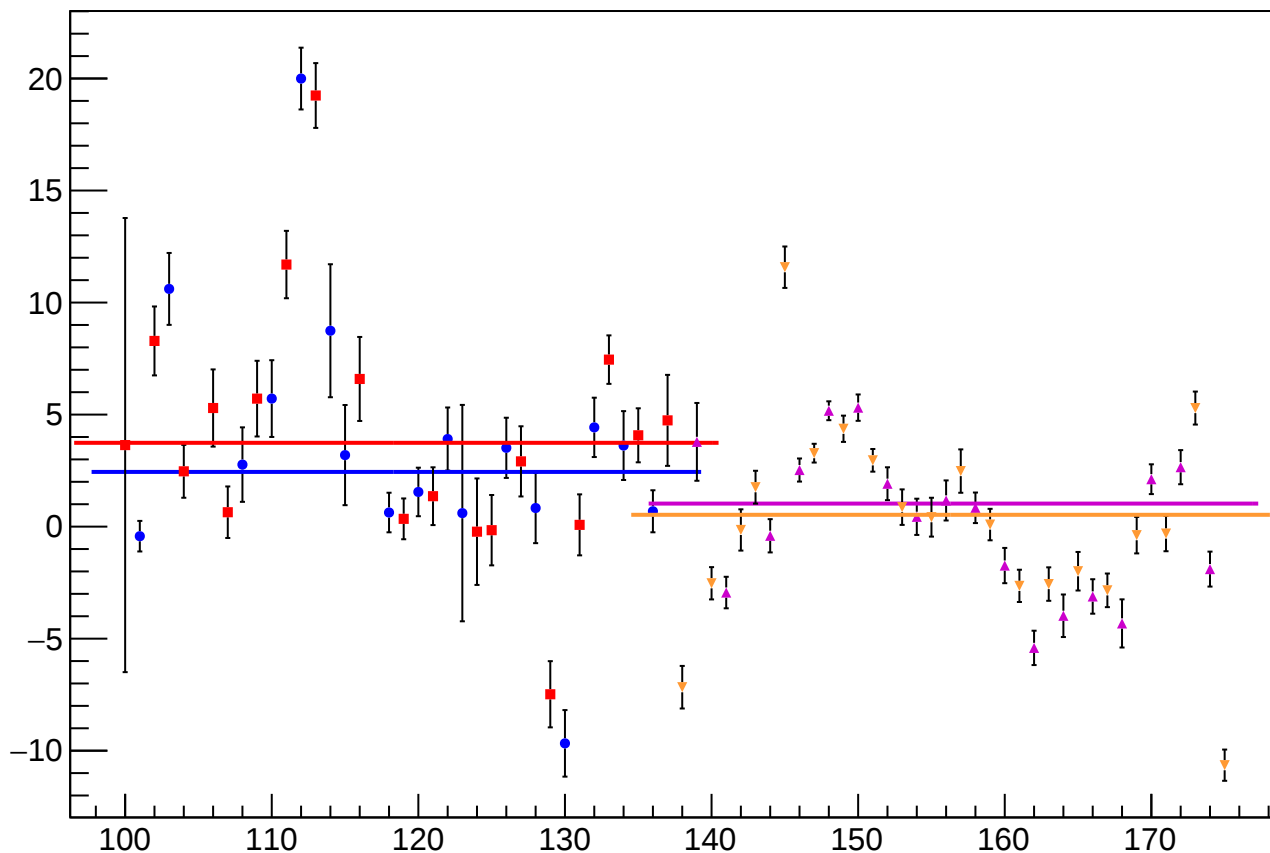
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -30.336+/-0.222 χ^2/NDF :2061.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.381+/-0.233 χ^2/NDF :998.8/17

Left: -31.313+/-0.161 χ^2/NDF : 3101.0/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.381+/-0.233 χ^2/NDF :998.8/17
 Out: -30.336+/-0.222 χ^2/NDF :2061.9/19
 All: -31.313+/-0.161 χ^2/NDF : 3101.0/37

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.528 ± 0.159 $\chi^2/\text{NDF}: 710.4/19$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: 1.028 ± 0.167 $\chi^2/\text{NDF}: 384.4/17$

Left: 0.765 ± 0.115 $\chi^2/\text{NDF}: 1099.5/37$

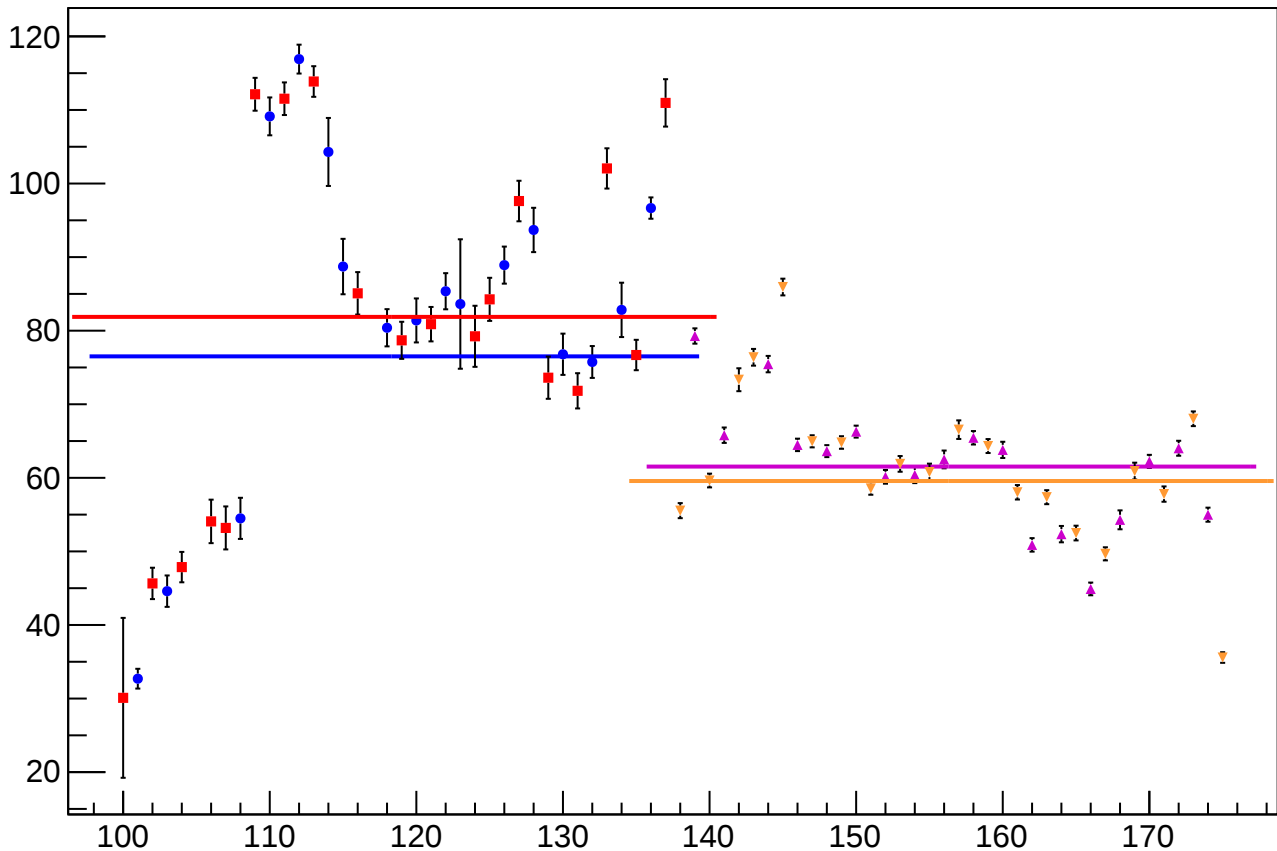
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: 1.344 ± 0.147 $\chi^2/\text{NDF}: 695.1/34$

Out: 1.142 ± 0.143 $\chi^2/\text{NDF}: 1056.8/38$

All: 1.240 ± 0.102 $\chi^2/\text{NDF}: 1752.8/73$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 59.567 $\pm$ 0.220 χ^2 /NDF:2353.2/19

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 61.530 $\pm$ 0.230 χ^2 /NDF:1200.5/17

Left: 60.507 $\pm$ 0.159 χ^2 /NDF: 3591.8/37

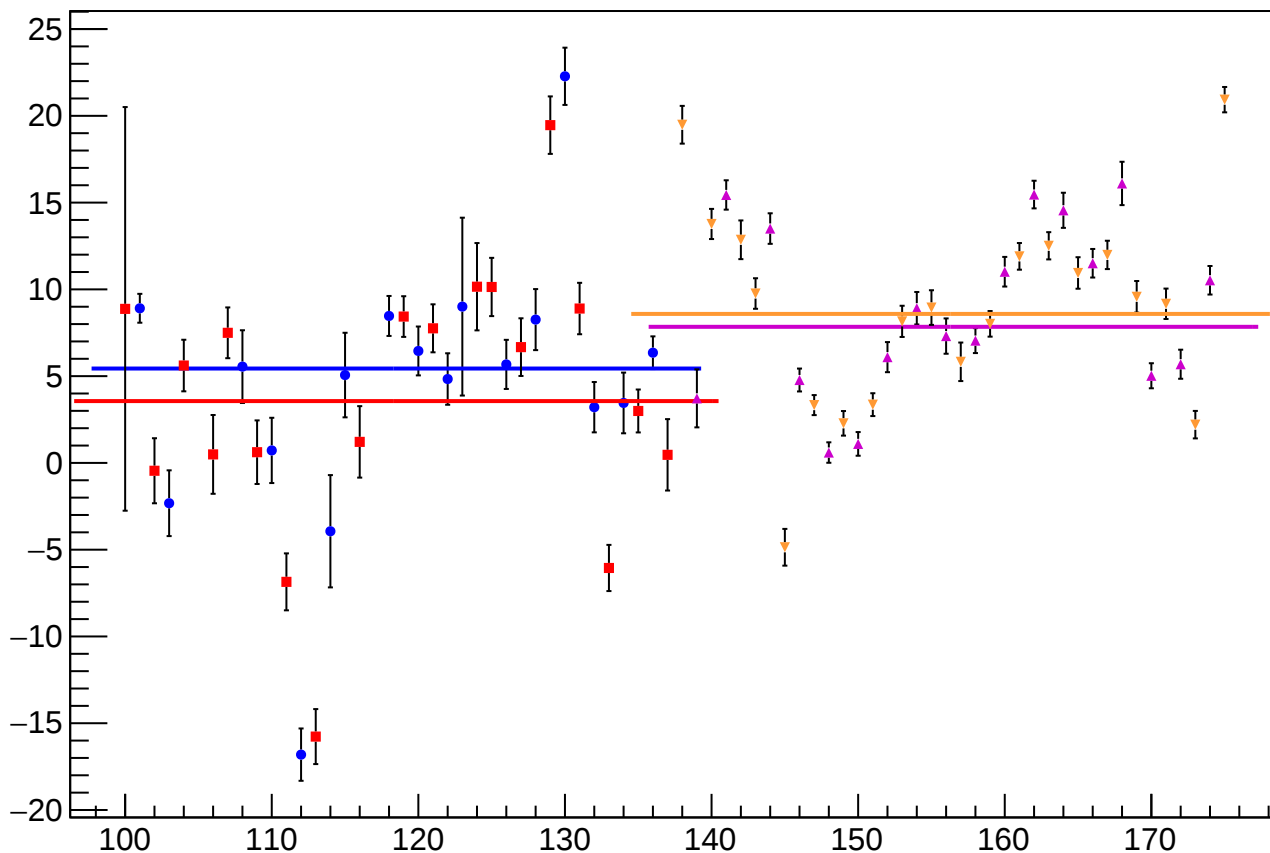
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 63.593 $\pm$ 0.213 χ^2 /NDF:4038.3/34

Out: 62.280 $\pm$ 0.206 χ^2 /NDF:5172.4/38

All: 62.915 $\pm$ 0.148 χ^2 /NDF: 9230.3/73

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 8.586 $\pm$ 0.185 χ^2 /NDF:966.0/19

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 7.843 $\pm$ 0.194 χ^2 /NDF:651.2/17

Left: 8.232 $\pm$ 0.134 χ^2 /NDF: 1624.8/37

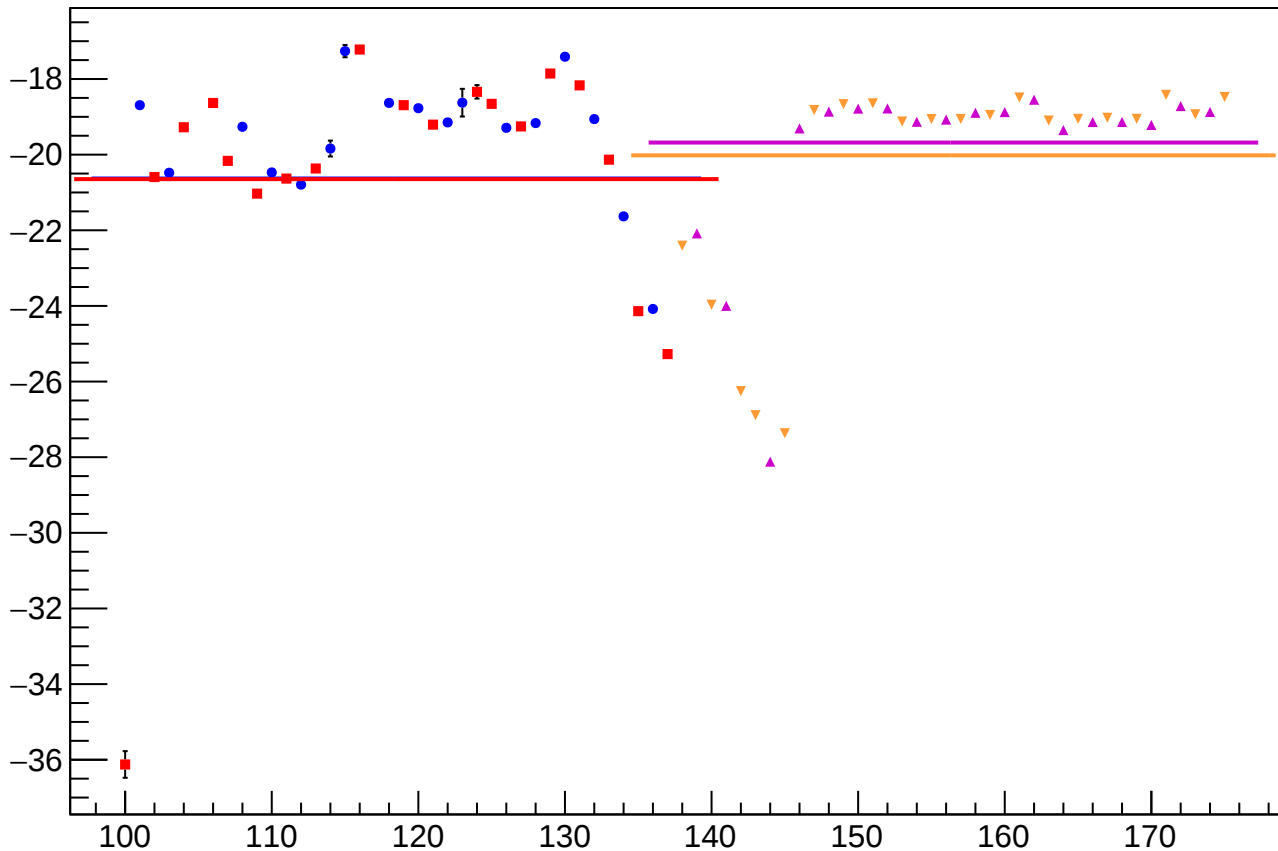
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 7.297 $\pm$ 0.170 χ^2 /NDF:1072.2/34

Out: 7.606 $\pm$ 0.166 χ^2 /NDF:1531.2/38

All: 7.456 $\pm$ 0.119 χ^2 /NDF: 2605.1/73

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -19.852 ± 0.006 $\chi^2/\text{NDF}: 138543.3/37$

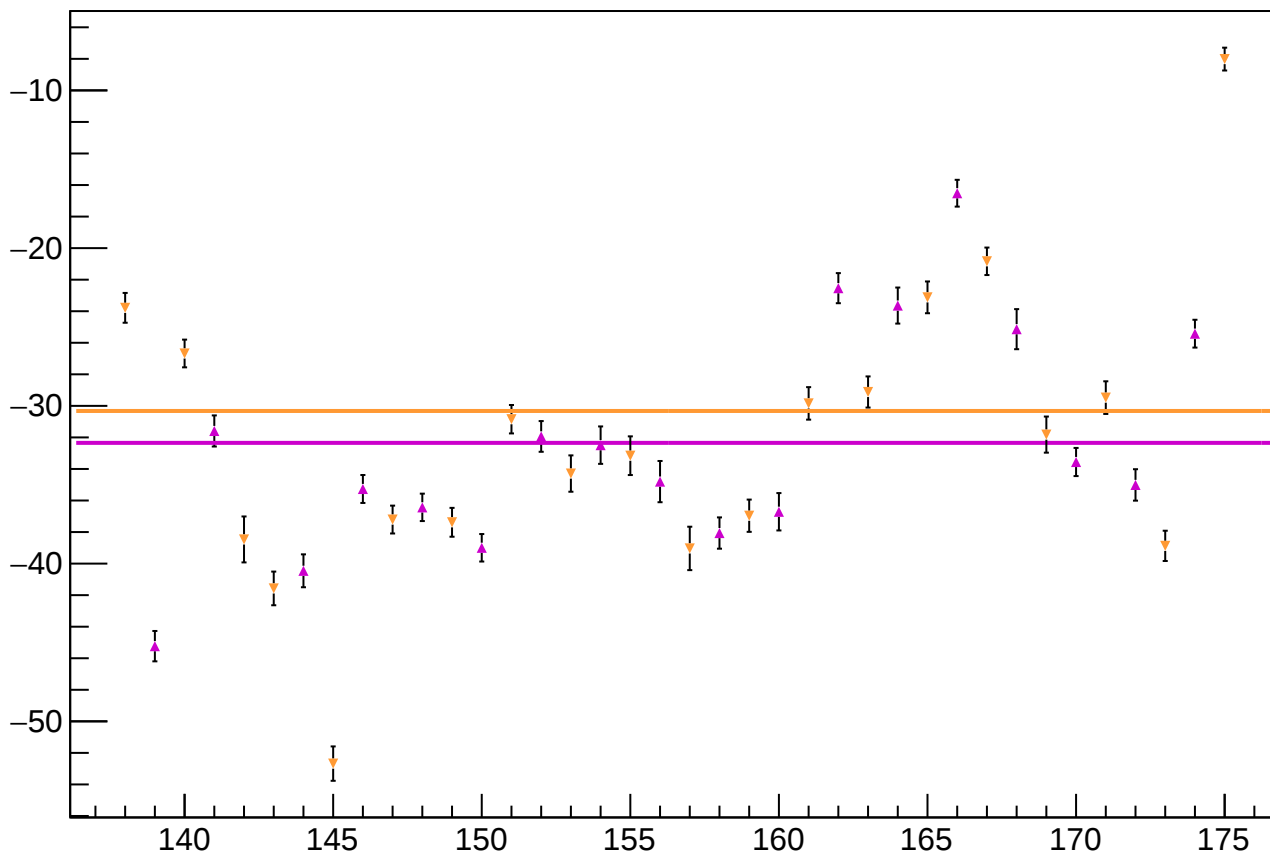
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -19.849 ± 0.008 $\chi^2/\text{NDF}: 65189.1/34$

Out: -20.125 ± 0.008 $\chi^2/\text{NDF}: 101913.3/38$

All: -19.989 ± 0.006 $\chi^2/\text{NDF}: 167683.6/73$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.323+/-0.223 χ^2/NDF :2052.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.345+/-0.233 χ^2/NDF :995.8/17

Left: -31.289+/-0.161 χ^2/NDF : 3087.2/37

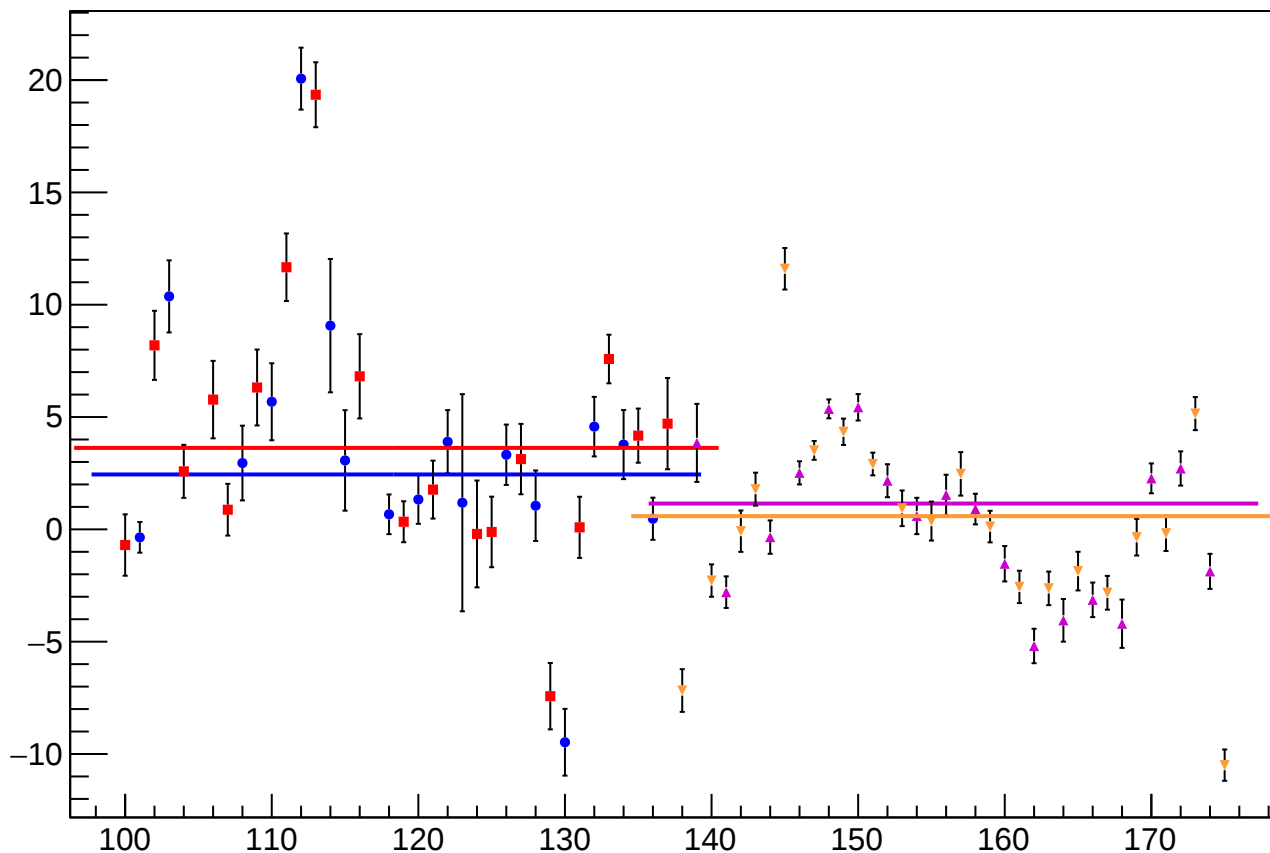
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.345+/-0.233 χ^2/NDF :995.8/17

Out: -30.323+/-0.223 χ^2/NDF :2052.0/19

All: -31.289+/-0.161 χ^2/NDF : 3087.2/37

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 0.588 ± 0.159 χ^2/NDF : 702.7/19

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 1.149 ± 0.167 χ^2/NDF : 388.3/17

Left: 0.854 ± 0.115 χ^2/NDF : 1096.9/37

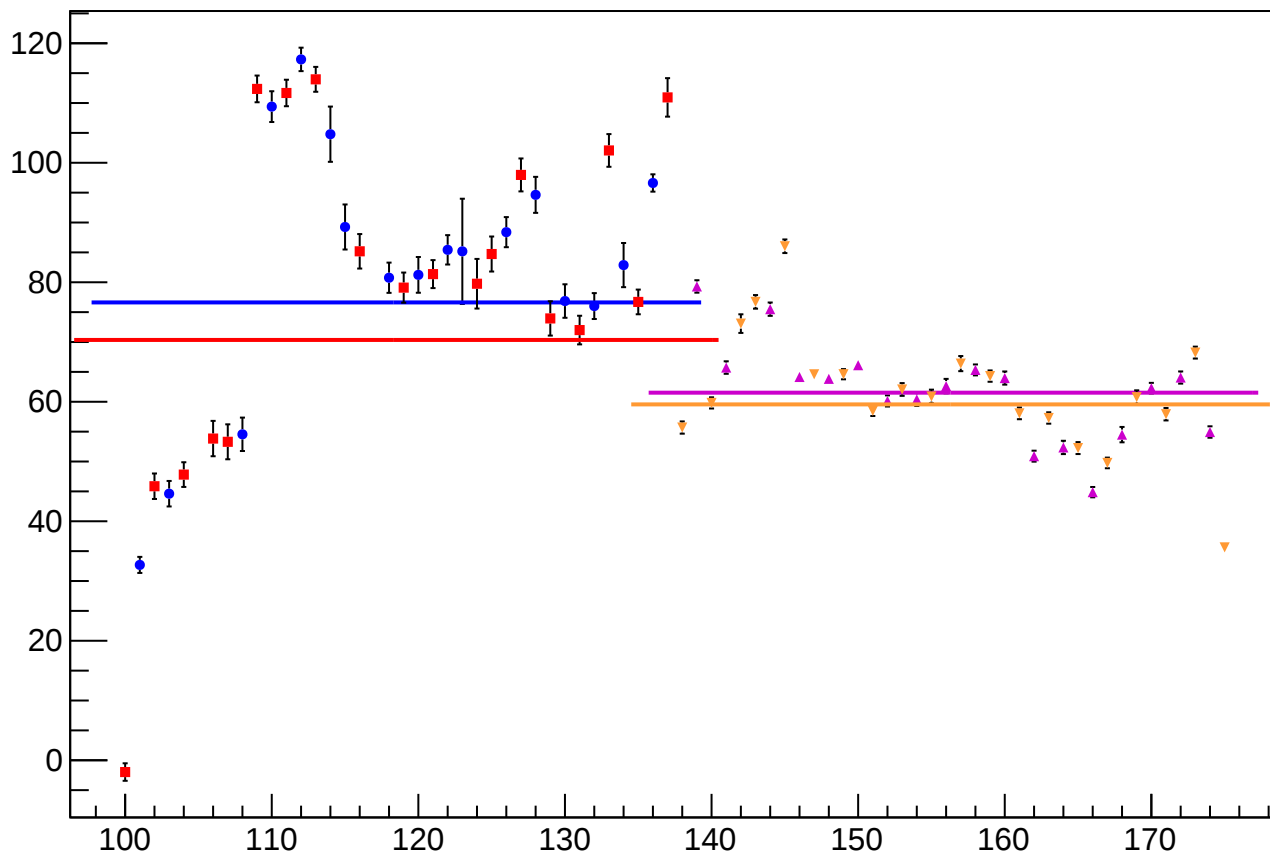
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.438 ± 0.147 χ^2/NDF : 694.4/34

Out: 1.195 ± 0.142 χ^2/NDF : 1054.6/38

All: 1.312 ± 0.102 χ^2/NDF : 1750.5/73

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 59.560 $\pm$ 0.220 χ^2 /NDF: 2350.4/19

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 61.521 $\pm$ 0.230 χ^2 /NDF: 1196.3/17

Left: 60.500 $\pm$ 0.159 χ^2 /NDF: 3584.7/37

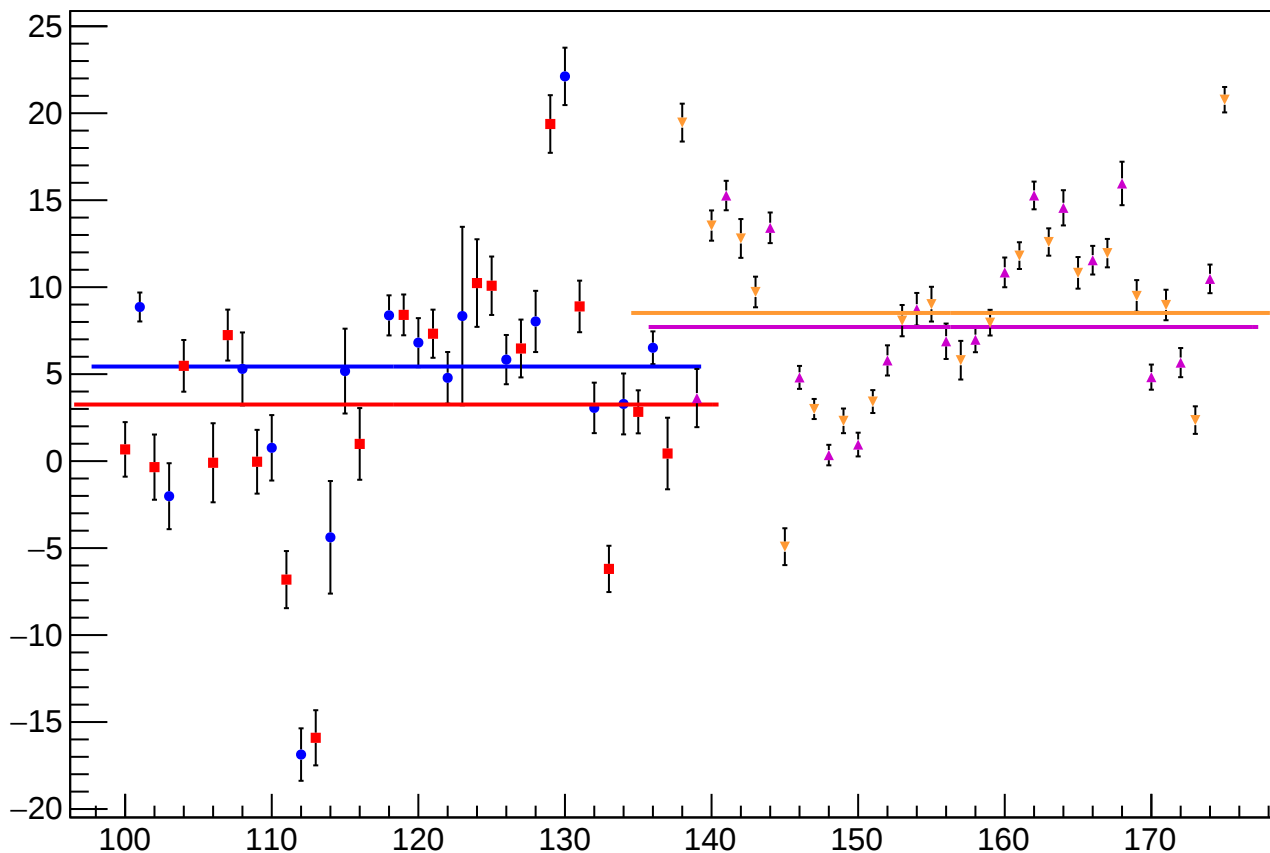
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 63.603 $\pm$ 0.213 χ^2 /NDF: 4055.2/34

Out: 61.053 $\pm$ 0.204 χ^2 /NDF: 7070.4/38

All: 62.274 $\pm$ 0.148 χ^2 /NDF: 11200.1/73

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 8.517 ± 0.185 $\chi^2/\text{NDF}: 959.6/19$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 7.710 ± 0.194 $\chi^2/\text{NDF}: 656.6/17$

Left: 8.134 ± 0.134 $\chi^2/\text{NDF}: 1625.2/37$

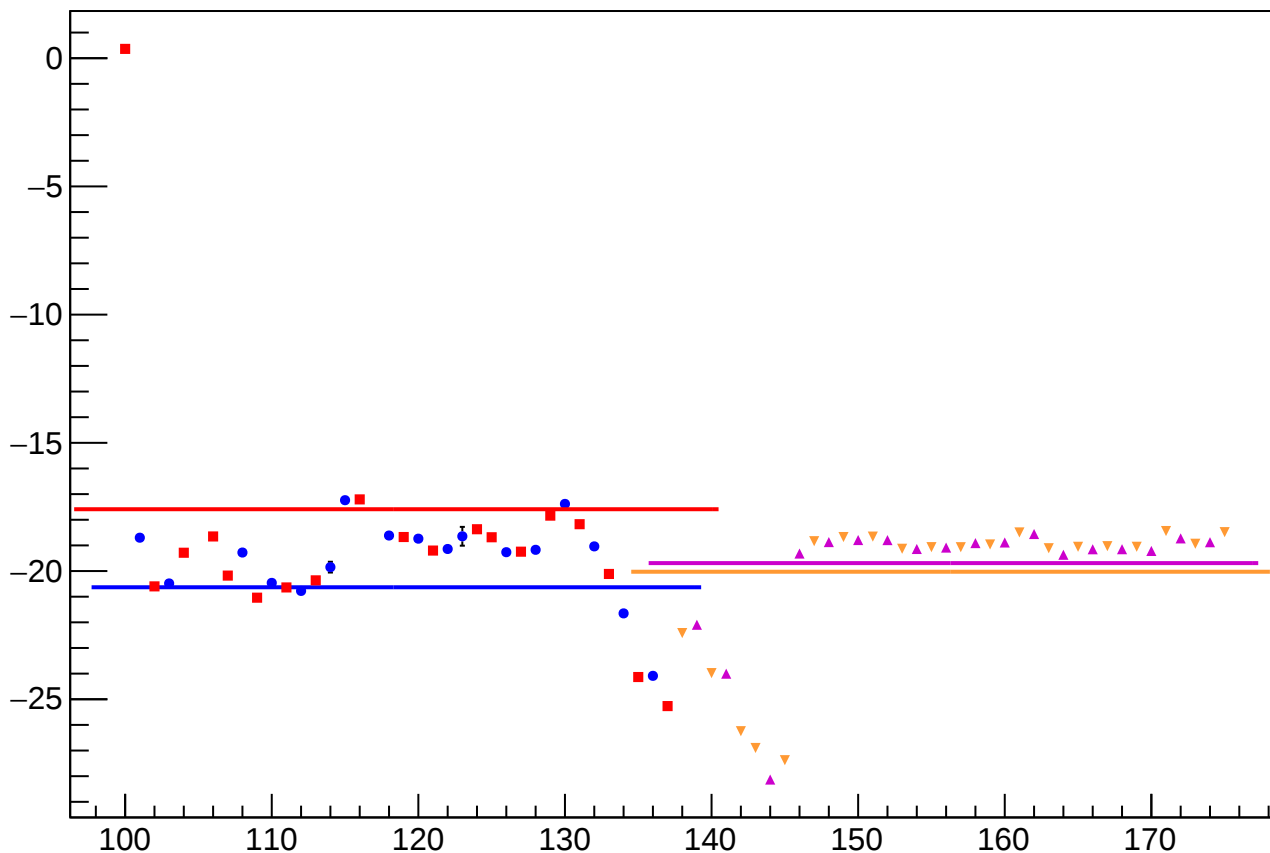
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.194 ± 0.171 $\chi^2/\text{NDF}: 1072.2/34$

Out: 7.445 ± 0.165 $\chi^2/\text{NDF}: 1548.9/38$

All: 7.324 ± 0.119 $\chi^2/\text{NDF}: 2622.2/73$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.027 ± 0.009 $\chi^2/\text{NDF}: 86996.8/19$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -19.690 ± 0.009 $\chi^2/\text{NDF}: 50632.3/17$

Left: -19.862 ± 0.006 $\chi^2/\text{NDF}: 138345.6/37$

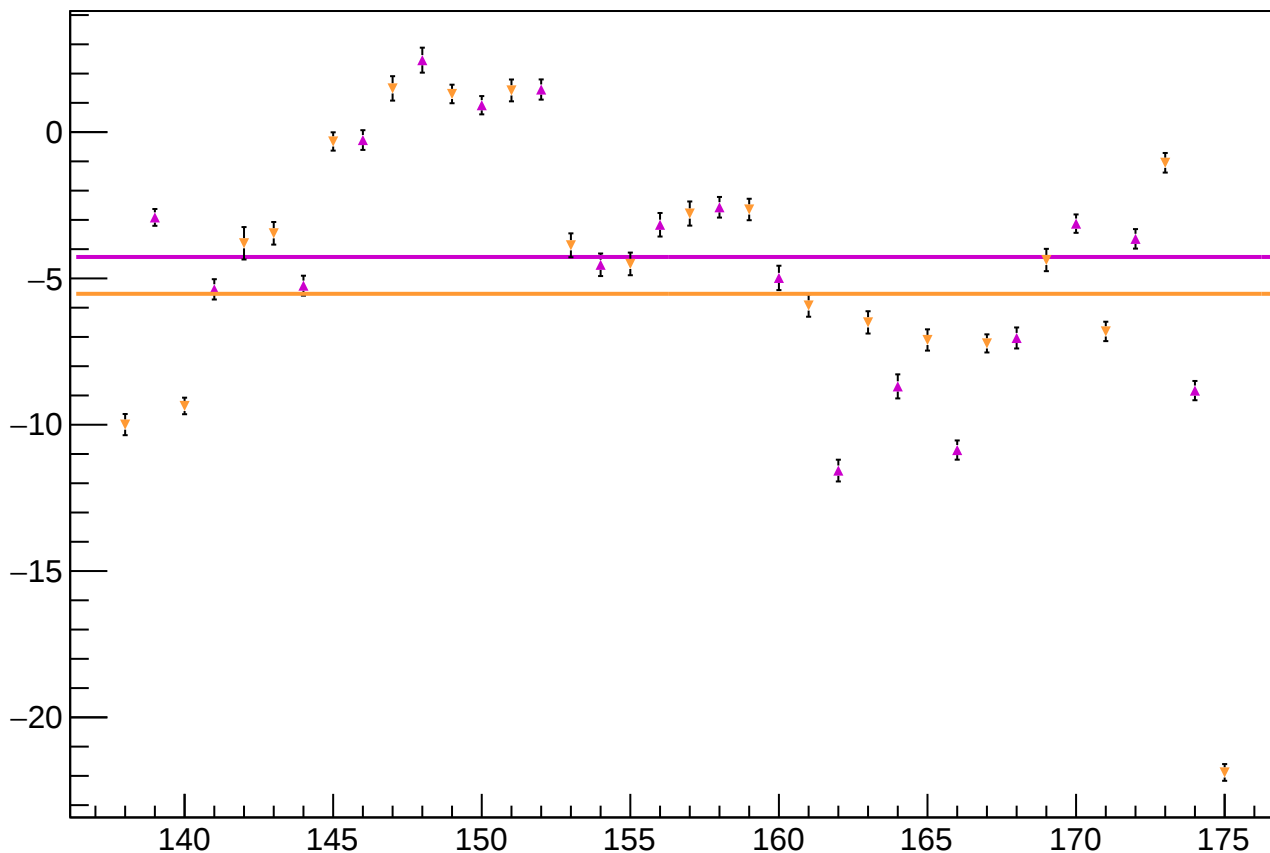
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -19.858 ± 0.008 $\chi^2/\text{NDF}: 65133.0/34$

Out: -19.557 ± 0.008 $\chi^2/\text{NDF}: 280456.2/38$

All: -19.703 ± 0.006 $\chi^2/\text{NDF}: 346290.7/73$

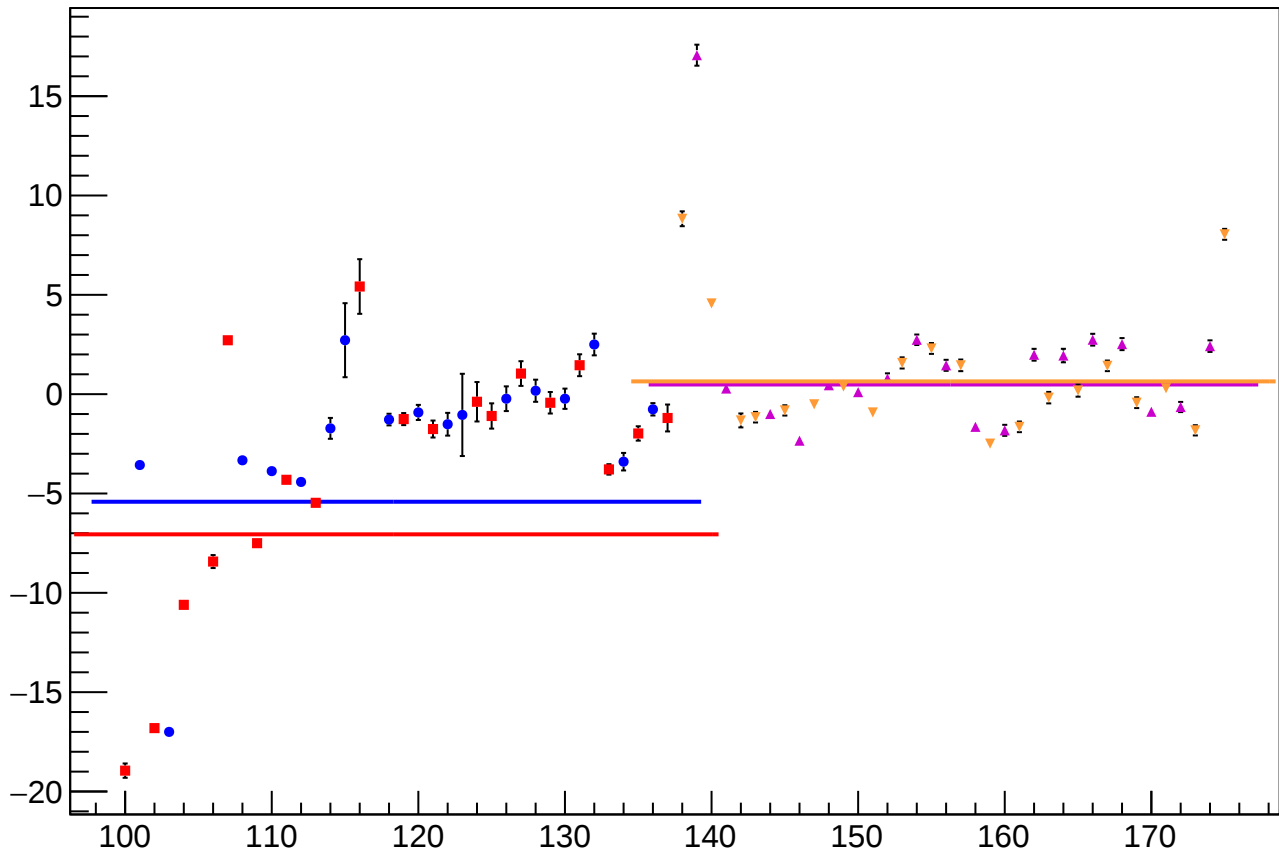
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.526+/-0.080 χ^2/NDF :5410.0/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.267+/-0.082 χ^2/NDF :2187.0/17

Left: -4.919+/-0.057 χ^2/NDF : 7717.8/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.267+/-0.082 χ^2/NDF :2187.0/17
 Out: -5.526+/-0.080 χ^2/NDF :5410.0/19
 All: -4.919+/-0.057 χ^2/NDF : 7717.8/37

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.642 $\pm$ 0.059 χ^2/NDF : 2083.8/19

Right Out: -7.056 $\pm$ 0.059 χ^2/NDF : 12334.0/18

Left In: 0.487 $\pm$ 0.062 χ^2/NDF : 1674.7/17

Left: 0.569 $\pm$ 0.042 χ^2/NDF : 3761.8/37

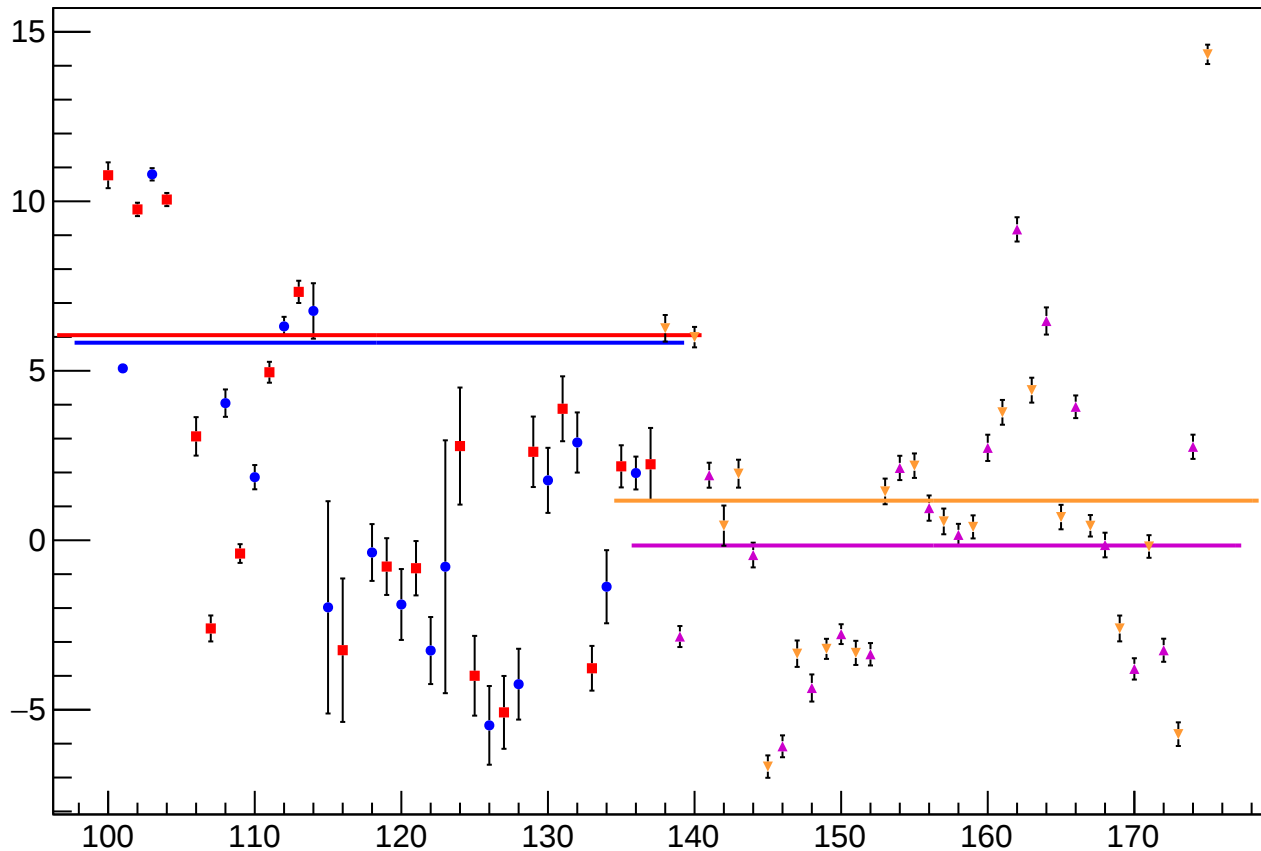
Right: -6.174 $\pm$ 0.040 χ^2/NDF : 22004.4/35

In: -2.815 $\pm$ 0.041 χ^2/NDF : 16047.5/34

Out: -3.174 $\pm$ 0.042 χ^2/NDF : 22998.7/38

All: -2.992 $\pm$ 0.029 χ^2/NDF : 39084.1/73

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 1.169 $\pm$ 0.079 χ^2 /NDF:4286.2/19

Right Out: 6.051 $\pm$ 0.093 χ^2 /NDF: 2674.1/18

Left In: -0.154 $\pm$ 0.082 χ^2 /NDF:2218.3/17

Left: 0.529 $\pm$ 0.057 χ^2 /NDF: 6640.2/37

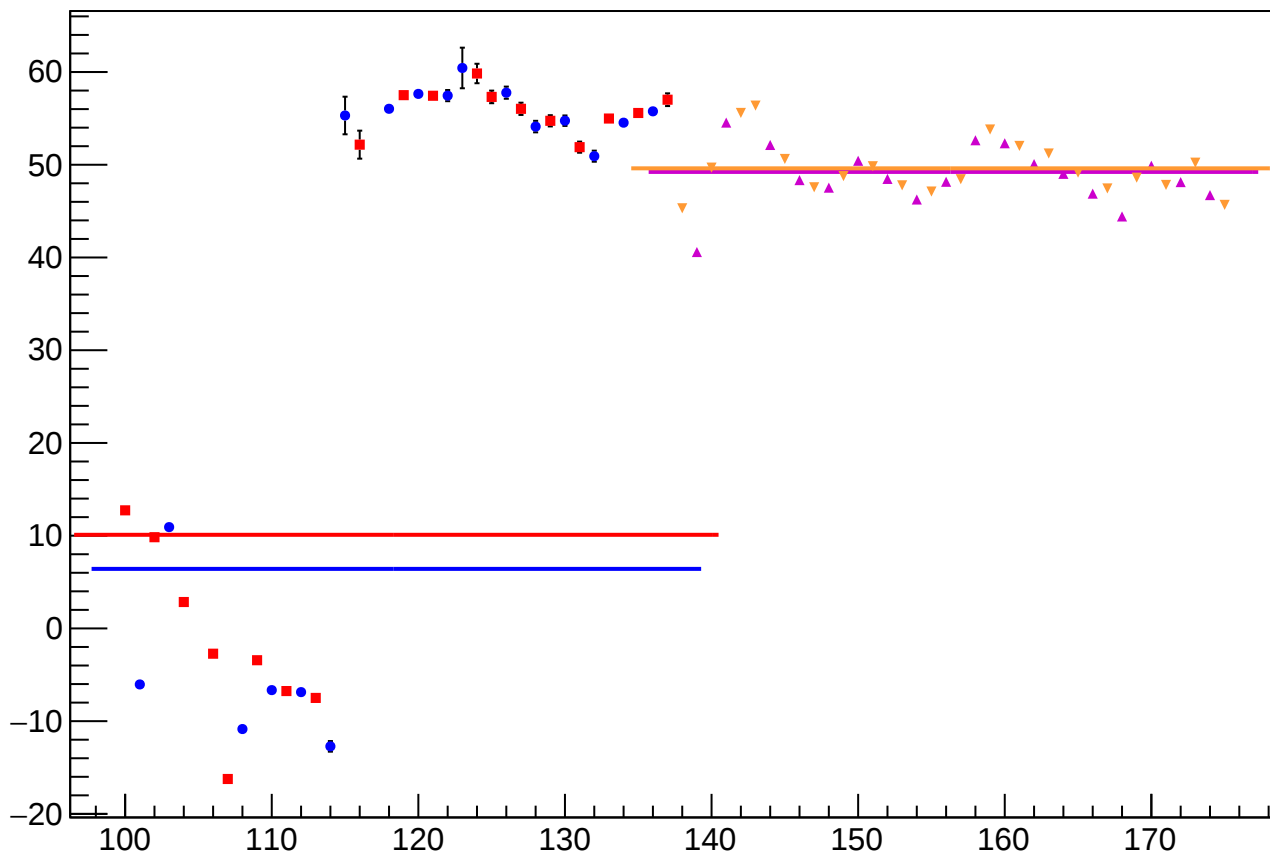
Right: 5.936 $\pm$ 0.065 χ^2 /NDF: 4125.3/35

In: 2.558 $\pm$ 0.060 χ^2 /NDF:6103.2/34

Out: 3.207 $\pm$ 0.060 χ^2 /NDF:8555.7/38

All: 2.883 $\pm$ 0.043 χ^2 /NDF: 14716.9/73

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.614 ± 0.067 χ^2/NDF : 1584.0/19

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.227 ± 0.070 χ^2/NDF : 1506.6/17

Left: 49.429 ± 0.049 χ^2/NDF : 3106.5/37

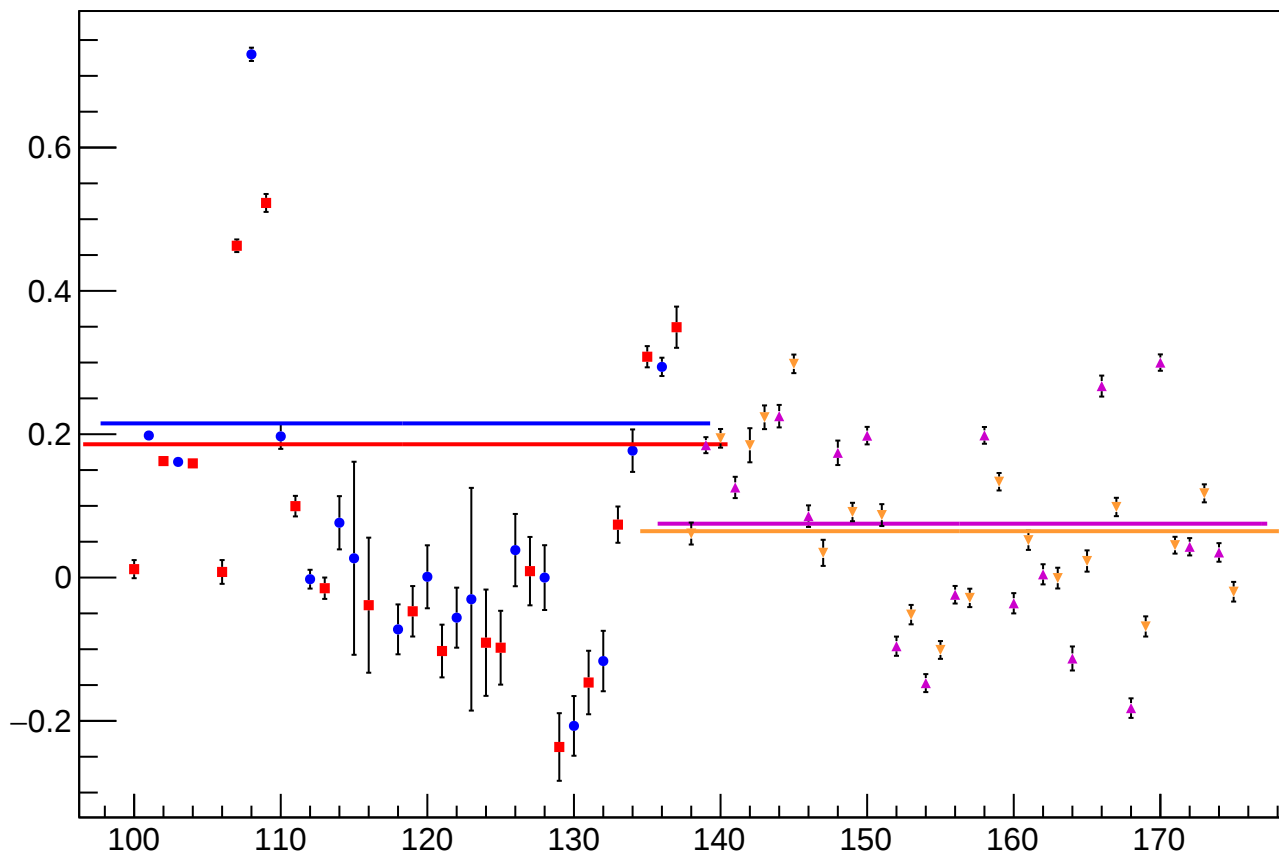
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 26.046 ± 0.048 χ^2/NDF : 325094.8/34

Out: 30.617 ± 0.048 χ^2/NDF : 290577.8/38

All: 28.298 ± 0.034 χ^2/NDF : 620210.2/73

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.065 $\pm$ 0.003 χ^2 /NDF:1070.7/19

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.075 $\pm$ 0.003 χ^2 /NDF:2131.2/17

Left: 0.070 $\pm$ 0.002 χ^2 /NDF: 3207.5/37

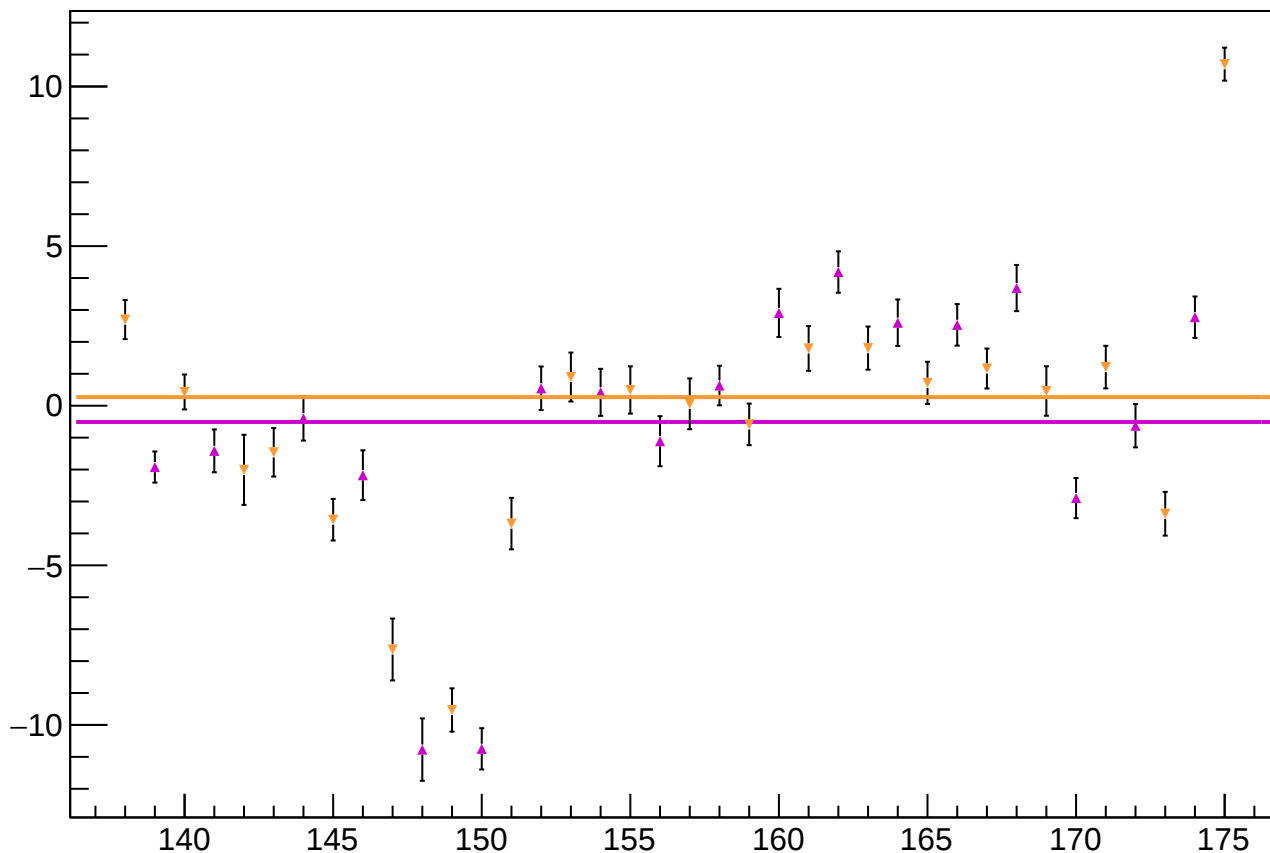
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.154 $\pm$ 0.002 χ^2 /NDF:7174.2/34

Out: 0.134 $\pm$ 0.002 χ^2 /NDF:4665.7/38

All: 0.144 $\pm$ 0.001 χ^2 /NDF: 11887.9/73

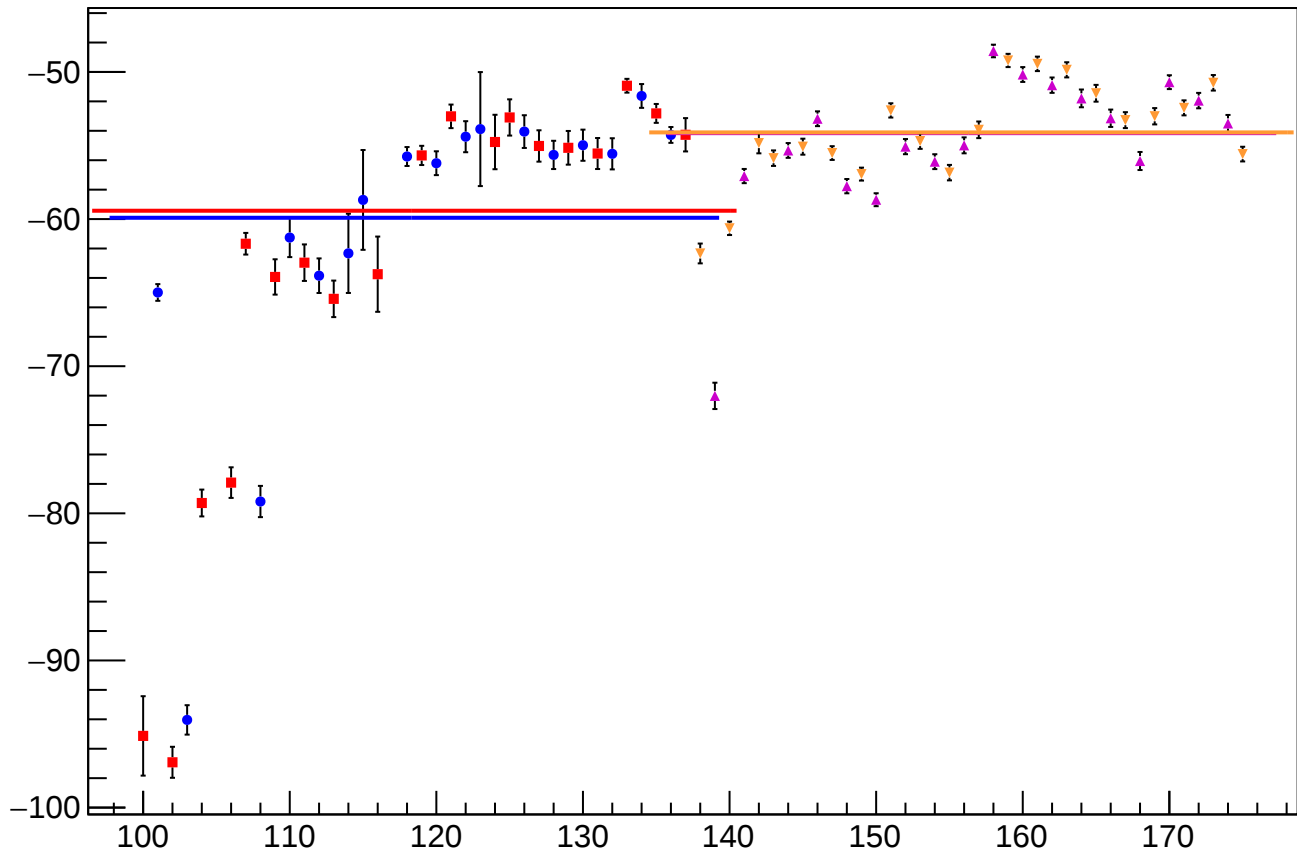
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.270 $\pm$ 0.154 χ^2/NDF :812.7/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -0.508 $\pm$ 0.160 χ^2/NDF :570.7/17

Left: -0.105 $\pm$ 0.111 χ^2/NDF : 1395.6/37
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -0.508 $\pm$ 0.160 χ^2/NDF :570.7/17
 Out: 0.270 $\pm$ 0.154 χ^2/NDF :812.7/19
 All: -0.105 $\pm$ 0.111 χ^2/NDF : 1395.6/37

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.108 ± 0.116 χ^2/NDF : 820.3/19

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.160 ± 0.123 χ^2/NDF : 996.7/17

Left: -54.133 ± 0.084 χ^2/NDF : 1817.2/37

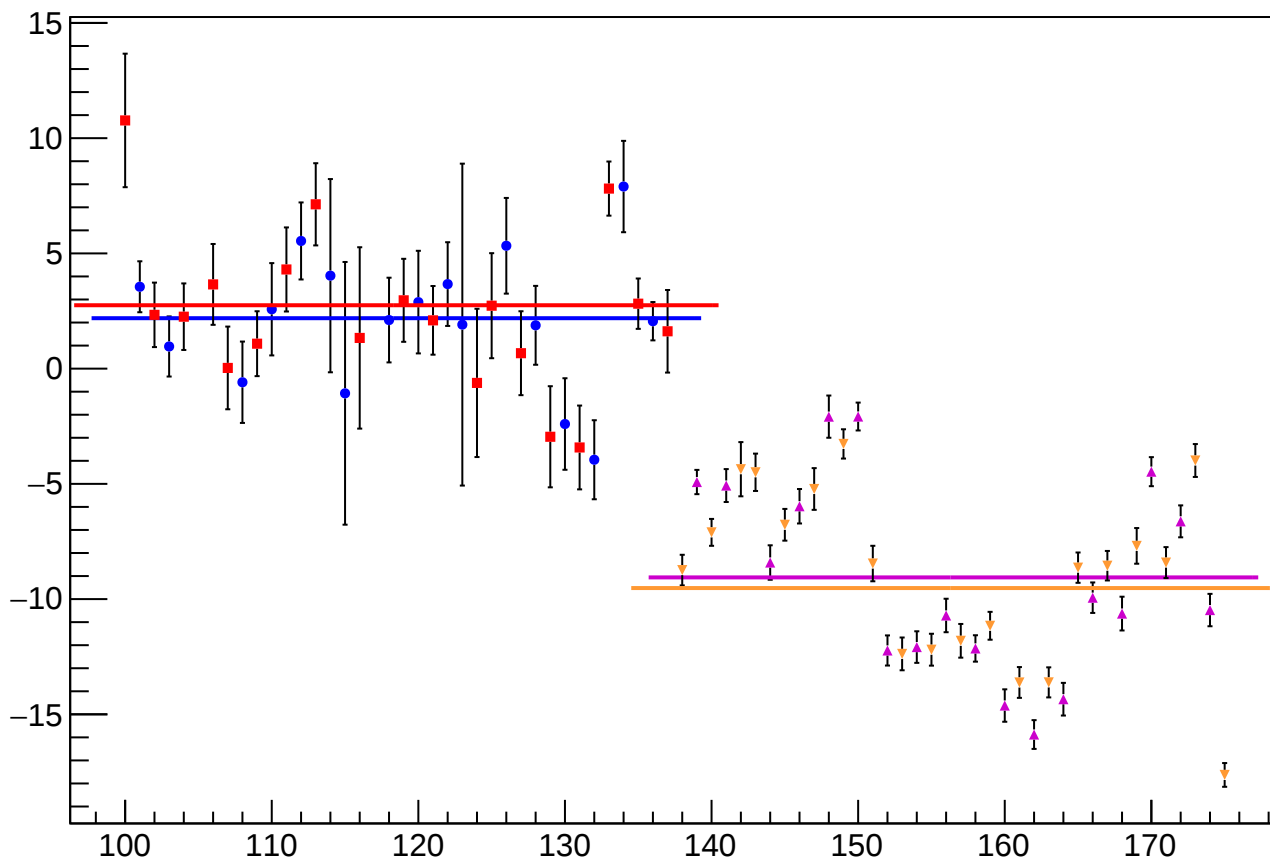
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.495 ± 0.108 χ^2/NDF : 3487.3/34

Out: -55.337 ± 0.102 χ^2/NDF : 4225.8/38

All: -55.412 ± 0.074 χ^2/NDF : 7714.2/73

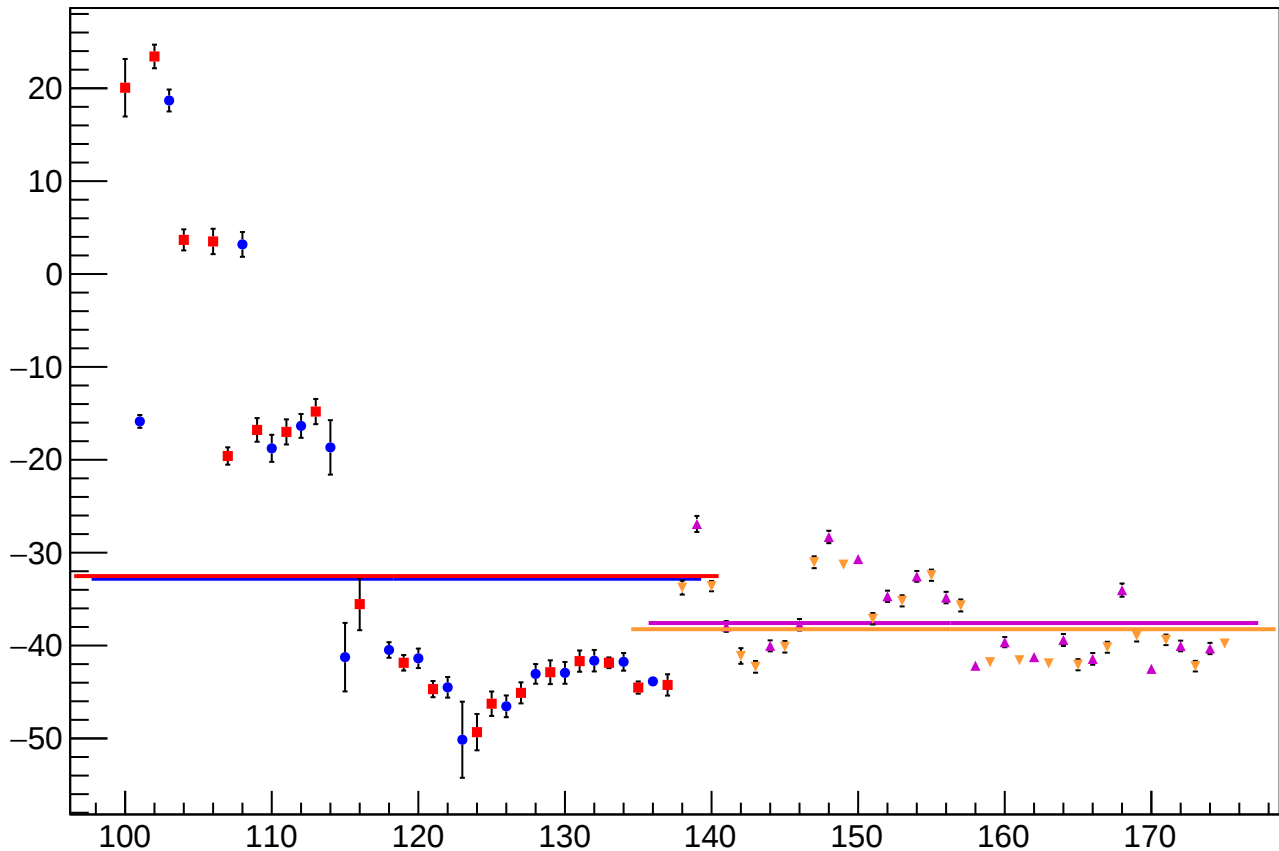
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.521 ± 0.153 $\chi^2/\text{NDF}: 659.0/19$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -9.059 ± 0.158 $\chi^2/\text{NDF}: 692.2/17$

Left: -9.298 ± 0.110 $\chi^2/\text{NDF}: 1355.6/37$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -7.563 ± 0.148 $\chi^2/\text{NDF}: 1401.5/34$
 Out: -7.860 ± 0.143 $\chi^2/\text{NDF}: 1585.5/38$
 All: -7.717 ± 0.102 $\chi^2/\text{NDF}: 2989.0/73$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -38.241 ± 0.132 $\chi^2/\text{NDF}: 864.2/19$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -37.578 ± 0.138 $\chi^2/\text{NDF}: 1027.4/17$

Left: -37.926 ± 0.095 $\chi^2/\text{NDF}: 1903.7/37$

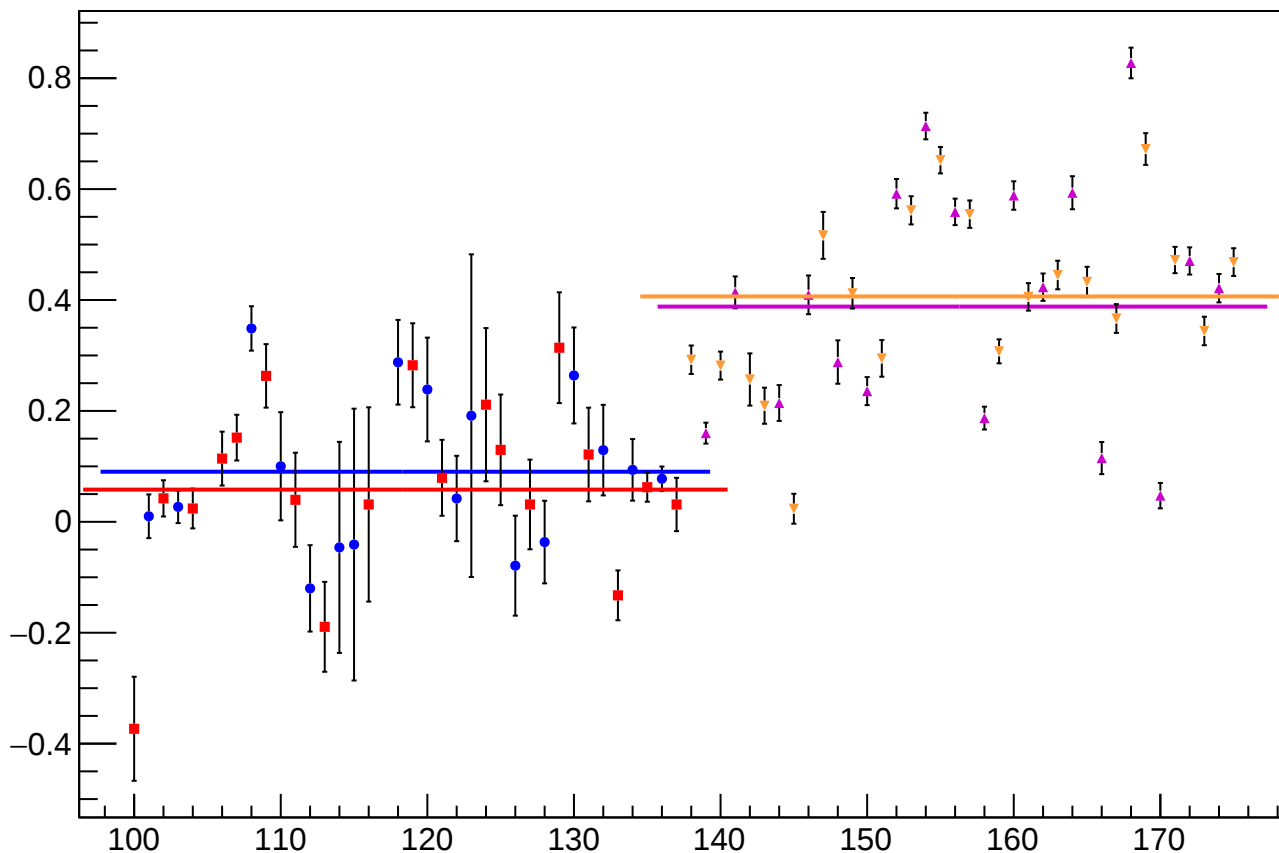
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -36.488 ± 0.122 $\chi^2/\text{NDF}: 5962.0/34$

Out: -36.950 ± 0.116 $\chi^2/\text{NDF}: 7331.0/38$

All: -36.730 ± 0.084 $\chi^2/\text{NDF}: 13300.6/73$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.406 ± 0.006 $\chi^2/\text{NDF}: 622.8/19$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.388 ± 0.006 $\chi^2/\text{NDF}: 1295.8/17$

Left: 0.397 ± 0.004 $\chi^2/\text{NDF}: 1923.2/37$

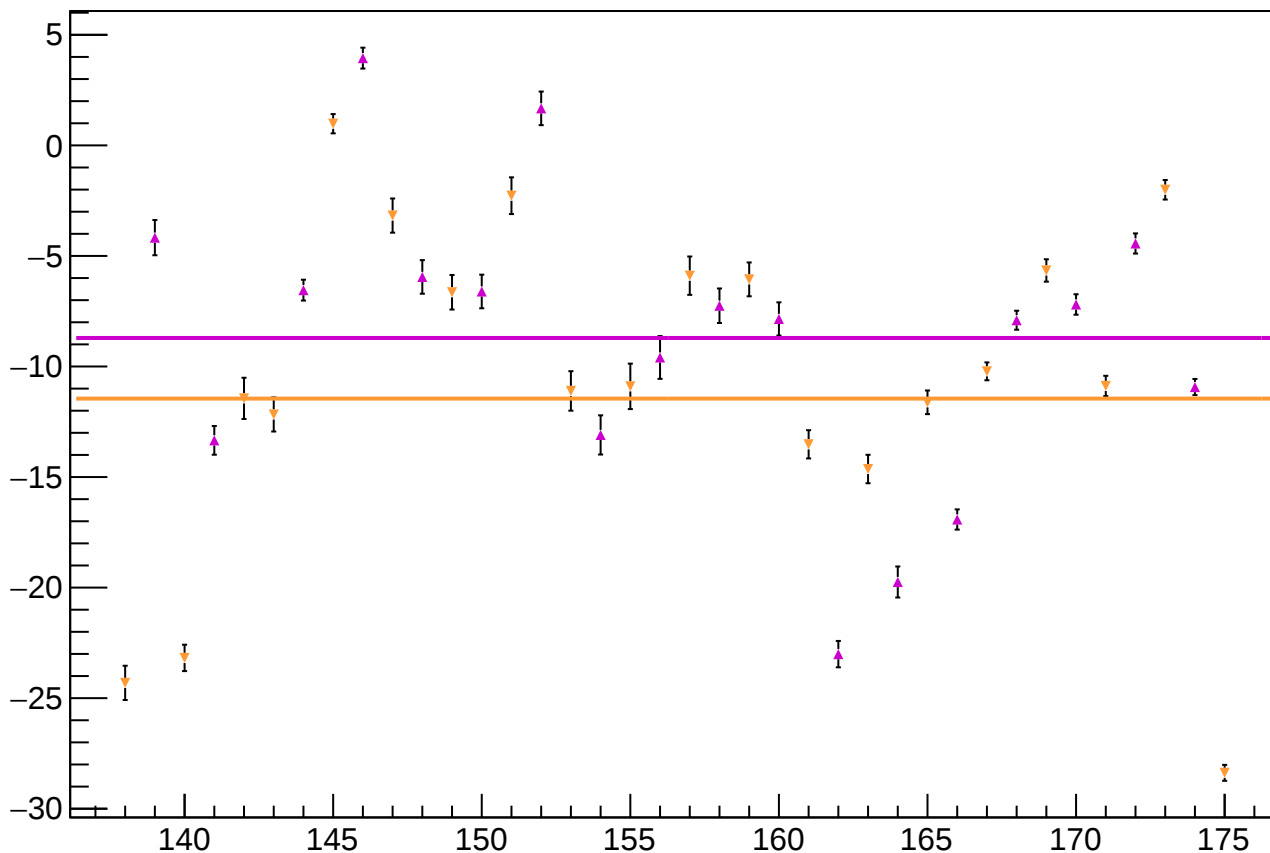
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.333 ± 0.005 $\chi^2/\text{NDF}: 1821.3/34$

Out: 0.338 ± 0.005 $\chi^2/\text{NDF}: 1371.8/38$

All: 0.336 ± 0.004 $\chi^2/\text{NDF}: 3193.6/73$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -11.452 +/- 0.131 χ^2/NDF : 4682.3/19
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -8.710 +/- 0.134 χ^2/NDF : 2342.9/17

Left: -10.112 +/- 0.093 χ^2/NDF : 7240.2/37

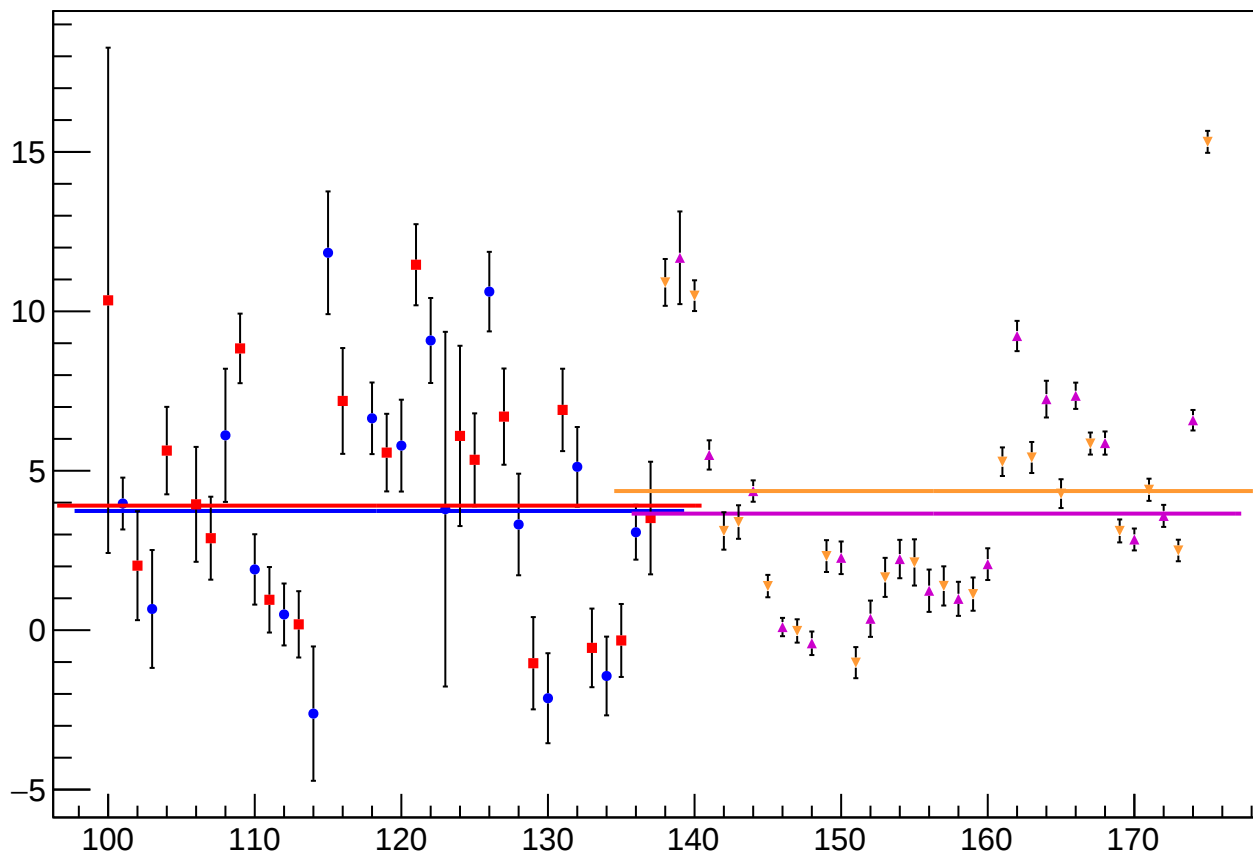
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -8.710 +/- 0.134 χ^2/NDF : 2342.9/17

Out: -11.452 +/- 0.131 χ^2/NDF : 4682.3/19

All: -10.112 +/- 0.093 χ^2/NDF : 7240.2/37

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 4.363 ± 0.099 χ^2/NDF : 1774.6/19

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 3.656 ± 0.100 χ^2/NDF : 803.7/17

Left: 4.014 ± 0.070 χ^2/NDF : 2603.7/37

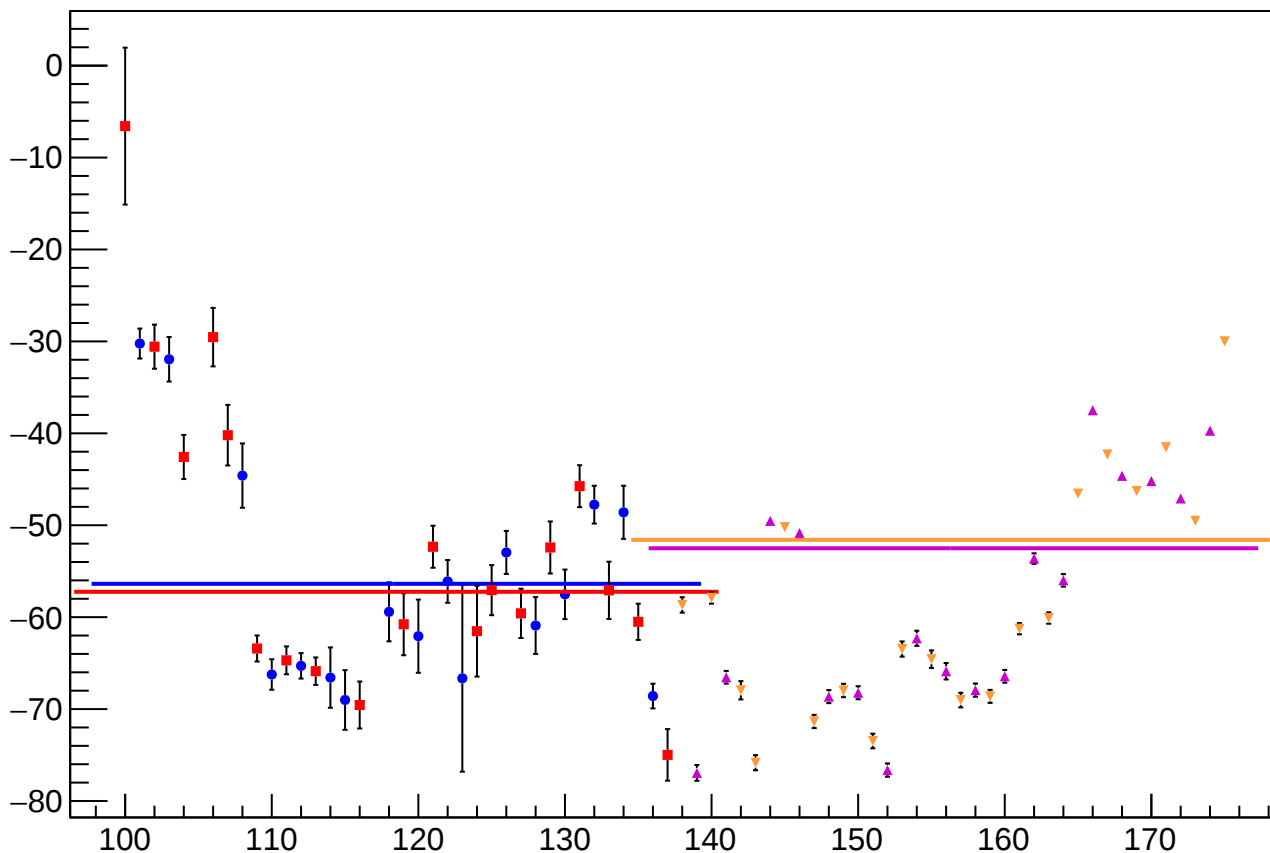
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 3.664 ± 0.095 χ^2/NDF : 940.6/34

Out: 4.323 ± 0.094 χ^2/NDF : 1912.0/38

All: 3.996 ± 0.067 χ^2/NDF : 2876.9/73

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 $\pm$ 0.543 χ^2 /NDF: 587.6/16

Left Out: -51.589 $\pm$ 0.131 χ^2 /NDF: 9974.3/19

Right Out: -57.240 $\pm$ 0.536 χ^2 /NDF: 476.3/18

Left In: -52.506 $\pm$ 0.134 χ^2 /NDF: 7418.9/17

Left: -52.036 $\pm$ 0.094 χ^2 /NDF: 17417.1/37

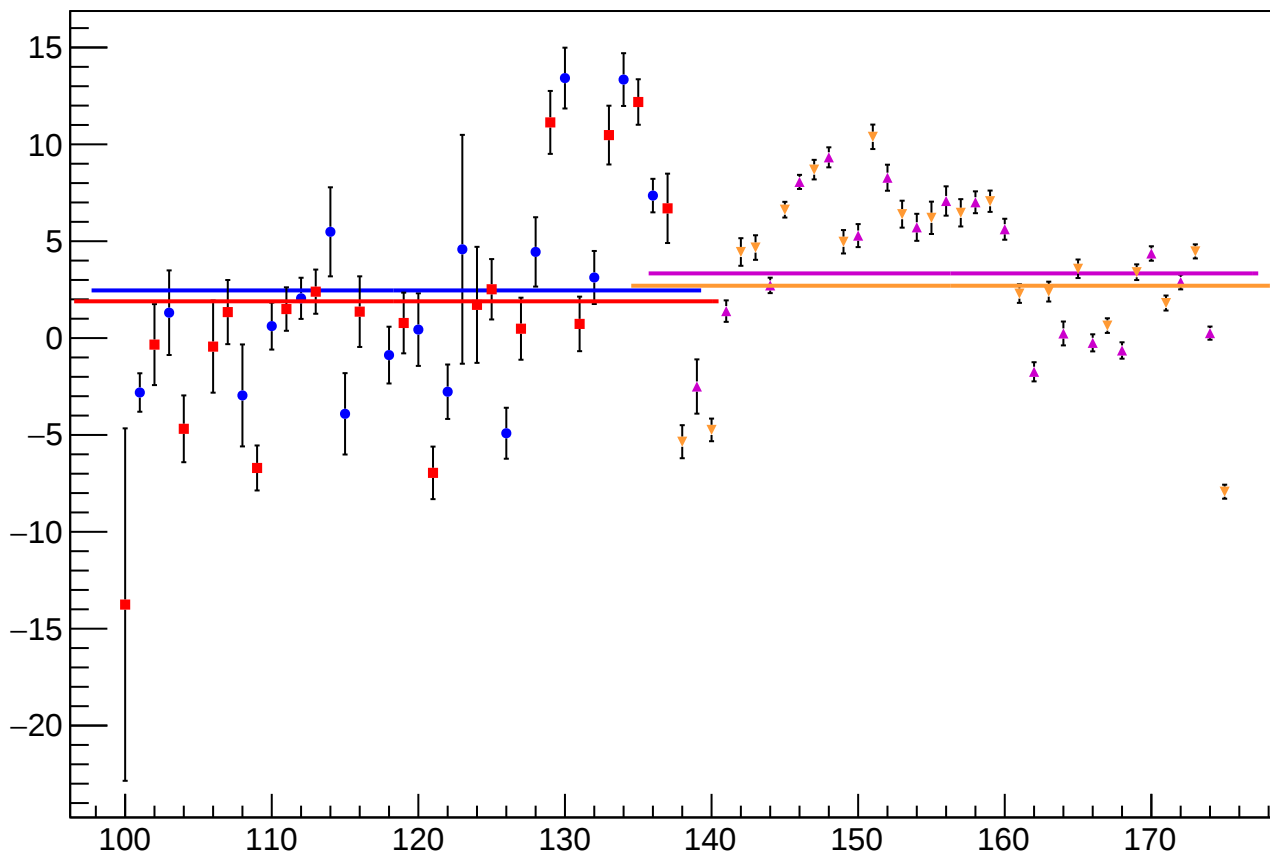
Right: -56.812 $\pm$ 0.381 χ^2 /NDF: 1065.2/35

In: -52.728 $\pm$ 0.130 χ^2 /NDF: 8054.3/34

Out: -51.908 $\pm$ 0.127 χ^2 /NDF: 10555.5/38

All: -52.309 $\pm$ 0.091 χ^2 /NDF: 18630.1/73

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 3.014 $\pm$ 0.080 χ^2/NDF : 2617.7/37

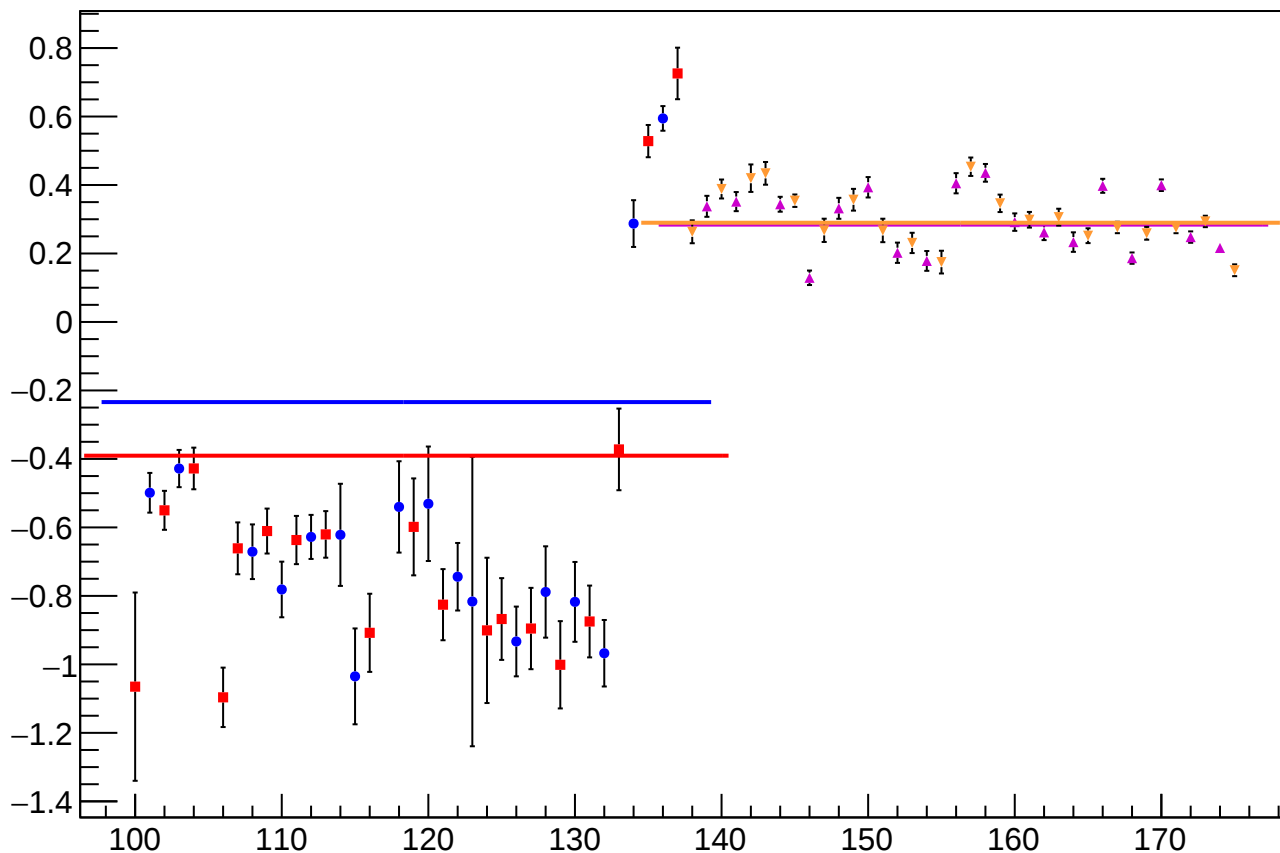
Right: 2.186 $\pm$ 0.248 χ^2/NDF : 513.3/35

In: 3.252 $\pm$ 0.108 χ^2/NDF : 1121.5/34

Out: 2.630 $\pm$ 0.106 χ^2/NDF : 2002.8/38

All: 2.936 $\pm$ 0.076 χ^2/NDF : 3141.1/73

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.290 ± 0.005 χ^2/NDF : 190.9/19

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.284 ± 0.005 χ^2/NDF : 301.4/17

Left: 0.287 ± 0.004 χ^2/NDF : 492.9/37

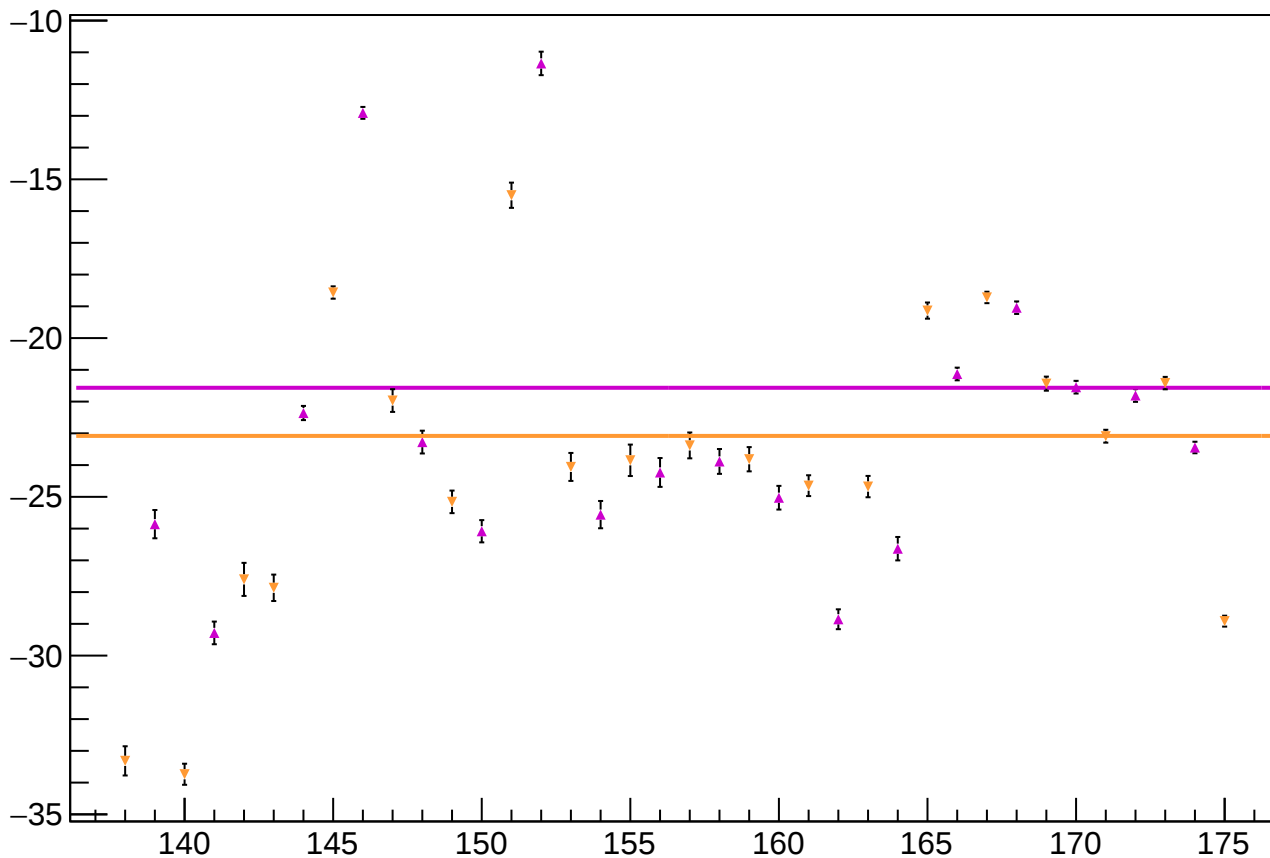
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.247 ± 0.005 χ^2/NDF : 1958.6/34

Out: 0.243 ± 0.005 χ^2/NDF : 2241.9/38

All: 0.245 ± 0.004 χ^2/NDF : 4201.0/73

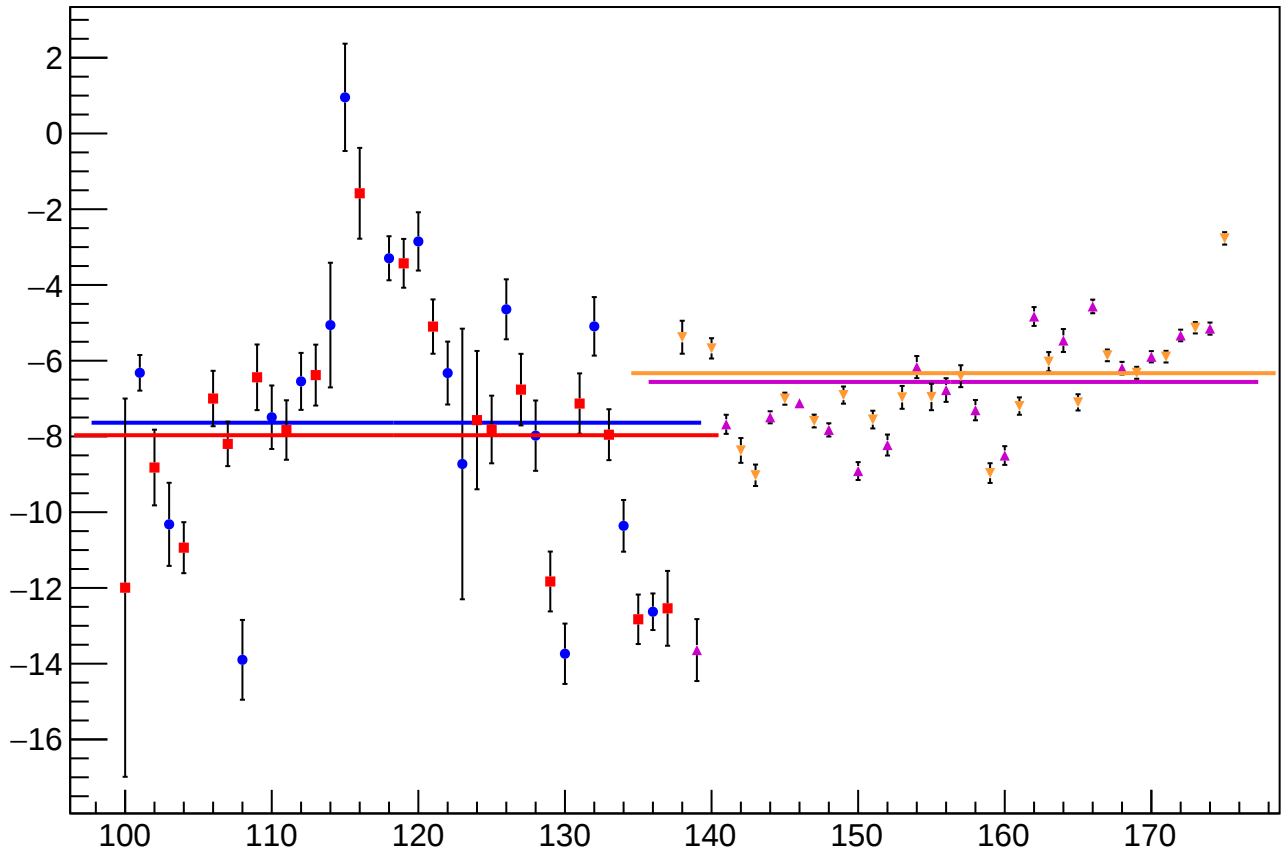
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.081+/-0.062 χ^2/NDF : 4838.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.565+/-0.062 χ^2/NDF : 4909.2/17

Left: -22.332+/-0.044 χ^2/NDF : 10045.7/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -21.565+/-0.062 χ^2/NDF : 4909.2/17
 Out: -23.081+/-0.062 χ^2/NDF : 4838.3/19
 All: -22.332+/-0.044 χ^2/NDF : 10045.7/37

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -6.329 ± 0.047 χ^2/NDF : 936.3/19

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -6.561 ± 0.046 χ^2/NDF : 762.7/17

Left: -6.446 ± 0.033 χ^2/NDF : 1711.4/37

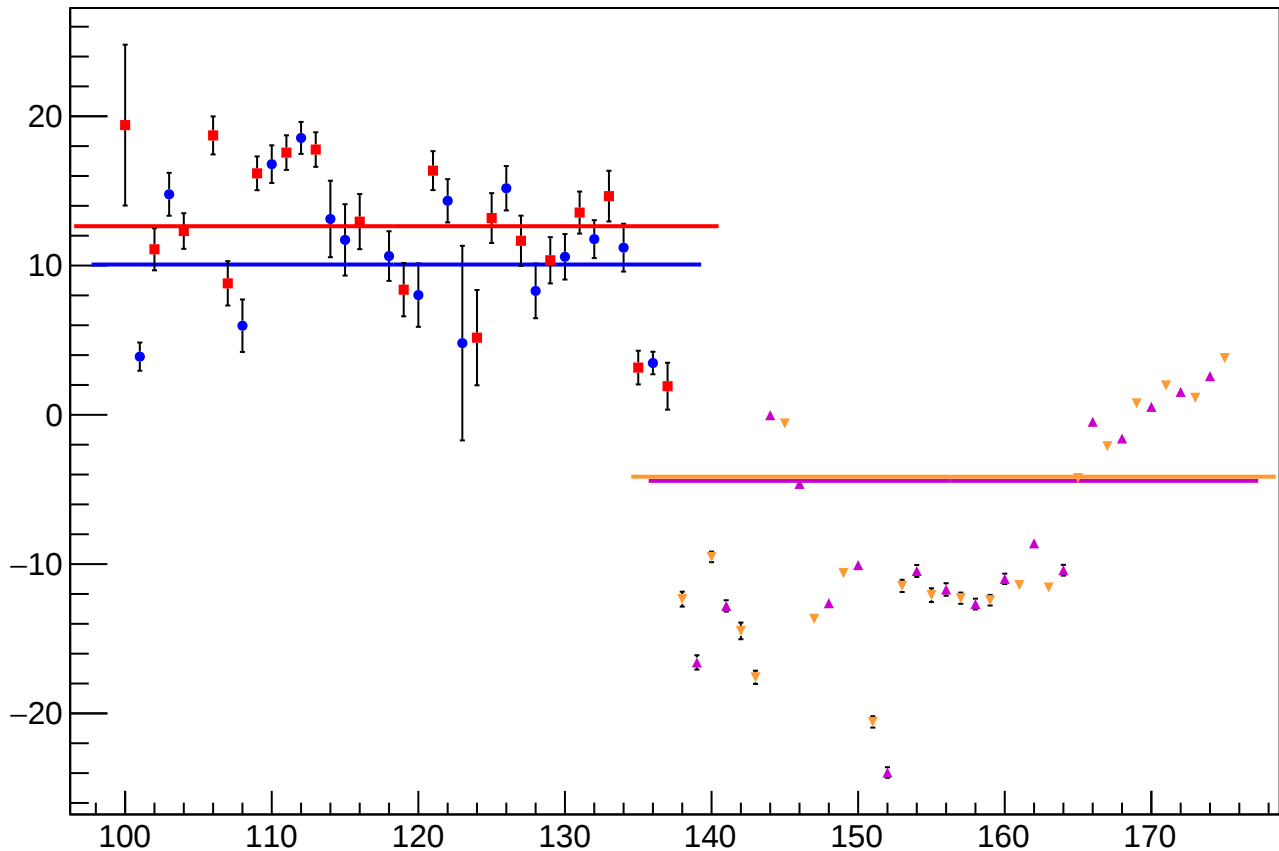
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.623 ± 0.045 χ^2/NDF : 1188.2/34

Out: -6.426 ± 0.045 χ^2/NDF : 1236.7/38

All: -6.525 ± 0.032 χ^2/NDF : 2434.6/73

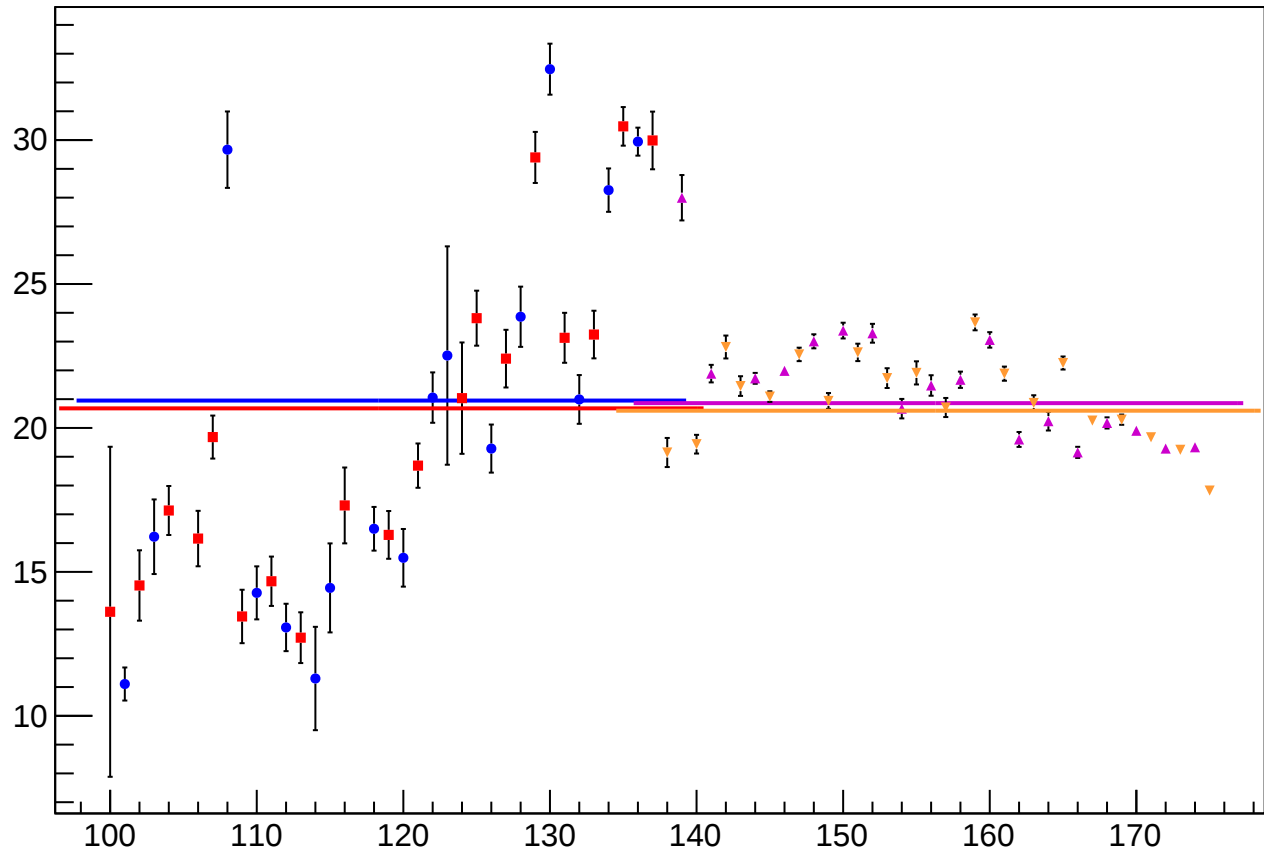
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -4.144 ± 0.062 $\chi^2/\text{NDF}: 12119.9/19$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -4.421 ± 0.063 $\chi^2/\text{NDF}: 10574.9/17$

Left: -4.281 ± 0.044 $\chi^2/\text{NDF}: 22704.7/37$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -3.940 ± 0.061 $\chi^2/\text{NDF}: 12611.2/34$
 Out: -3.583 ± 0.061 $\chi^2/\text{NDF}: 14802.4/38$
 All: -3.759 ± 0.043 $\chi^2/\text{NDF}: 27430.7/73$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.599 $\pm$ 0.053 χ^2 /NDF: 774.5/19

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 20.862 $\pm$ 0.053 χ^2 /NDF: 791.2/17

Left: 20.730 $\pm$ 0.037 χ^2 /NDF: 1578.0/37

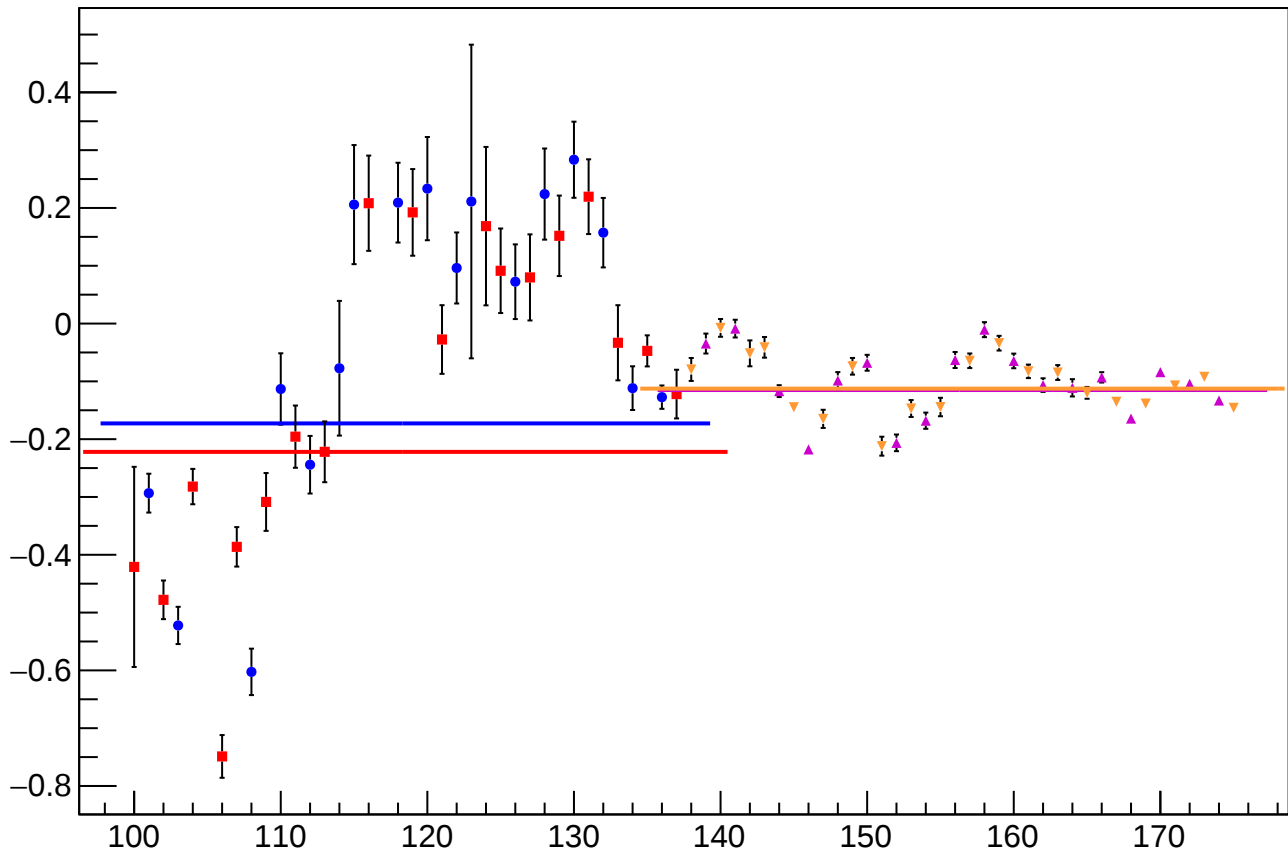
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.867 $\pm$ 0.051 χ^2 /NDF: 2014.1/34

Out: 20.604 $\pm$ 0.051 χ^2 /NDF: 1503.1/38

All: 20.735 $\pm$ 0.036 χ^2 /NDF: 3530.3/73

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.113 ± 0.002 χ^2/NDF : 261.5/19

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.115 ± 0.002 χ^2/NDF : 455.9/17

Left: -0.114 ± 0.002 χ^2/NDF : 717.9/37

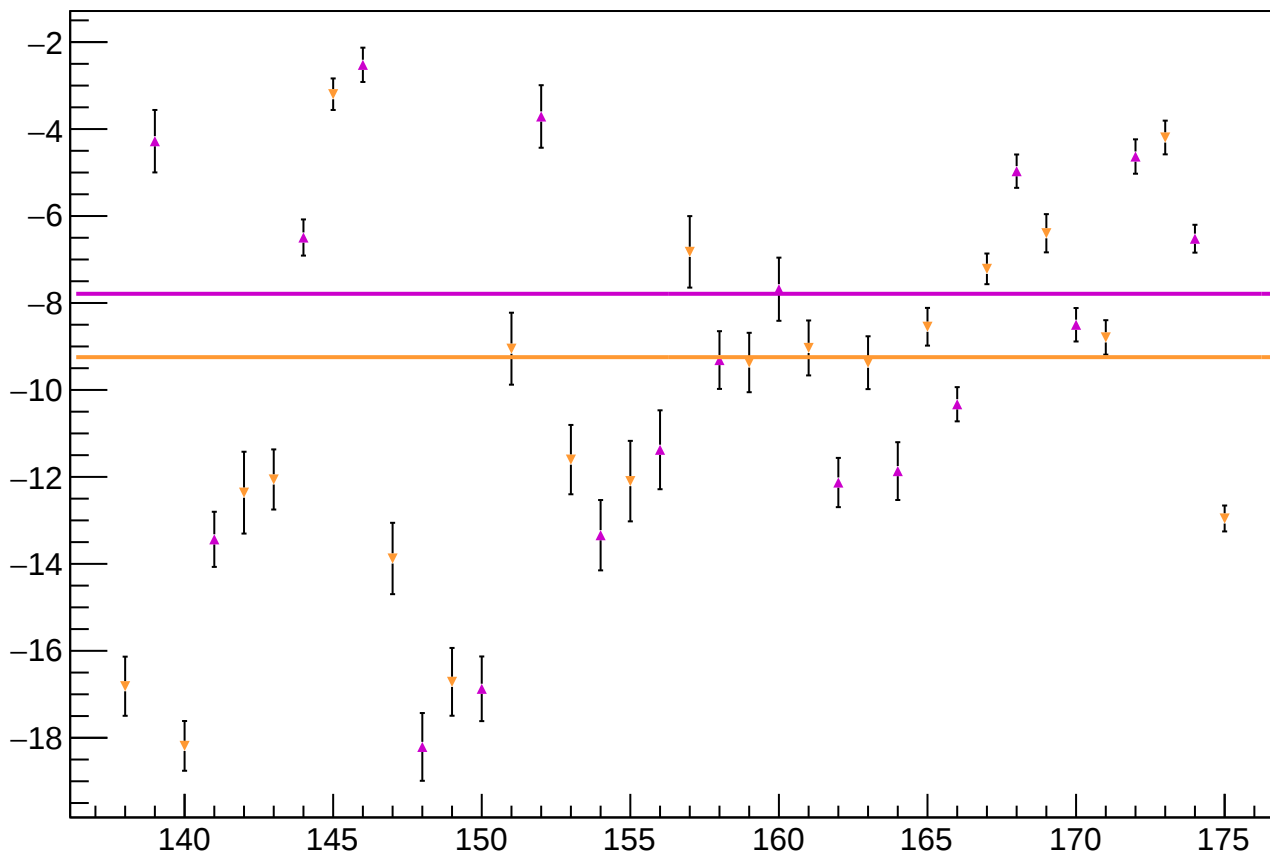
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.118 ± 0.002 χ^2/NDF : 941.6/34

Out: -0.118 ± 0.002 χ^2/NDF : 893.2/38

All: -0.118 ± 0.002 χ^2/NDF : 1834.9/73

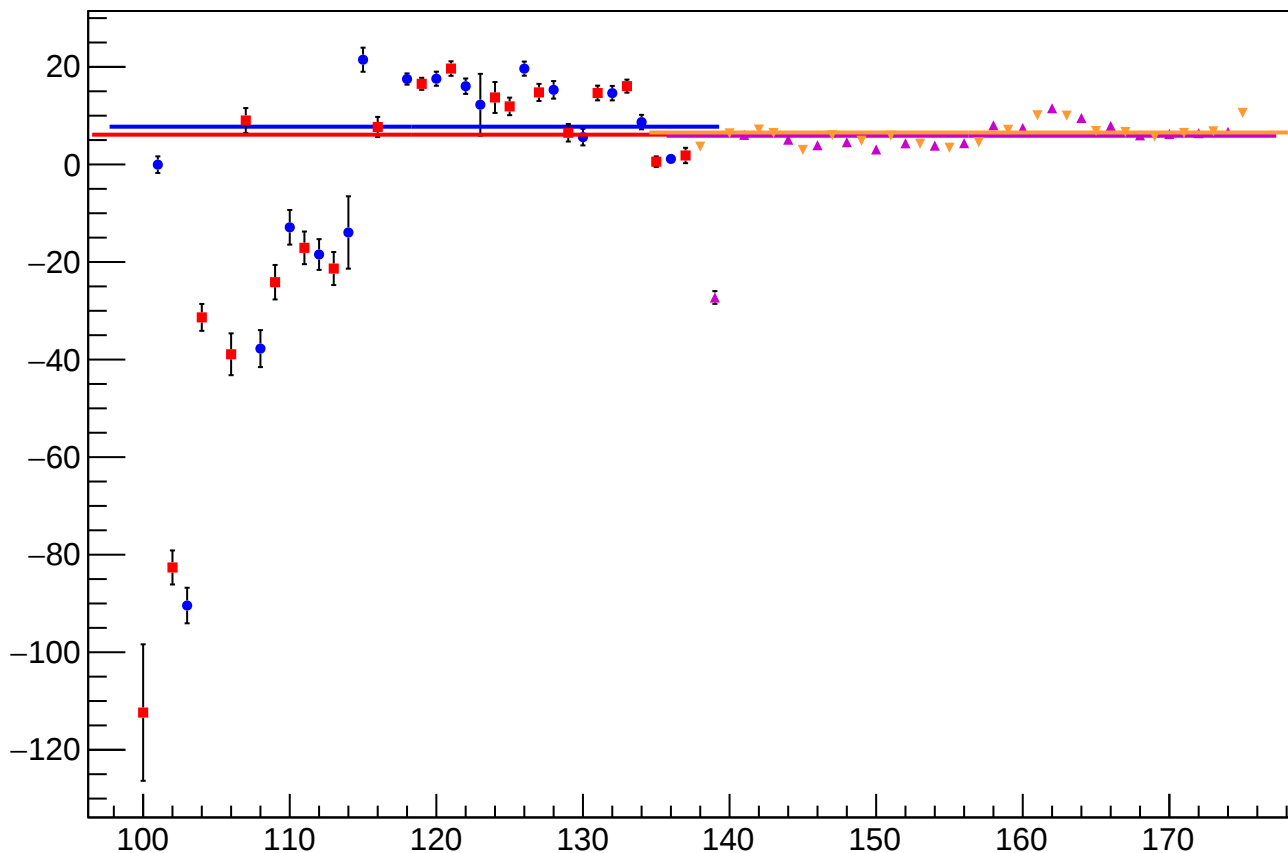
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.246+/-0.115 χ^2/NDF :1228.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.789+/-0.119 χ^2/NDF :994.2/17

Left: -8.540+/-0.083 χ^2/NDF : 2299.7/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.789+/-0.119 χ^2/NDF :994.2/17
 Out: -9.246+/-0.115 χ^2/NDF :1228.3/19
 All: -8.540+/-0.083 χ^2/NDF : 2299.7/37

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 6.550 ± 0.088 $\chi^2/\text{NDF}: 572.0/19$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 5.883 ± 0.090 $\chi^2/\text{NDF}: 1061.1/17$

Left: 6.222 ± 0.063 $\chi^2/\text{NDF}: 1661.2/37$

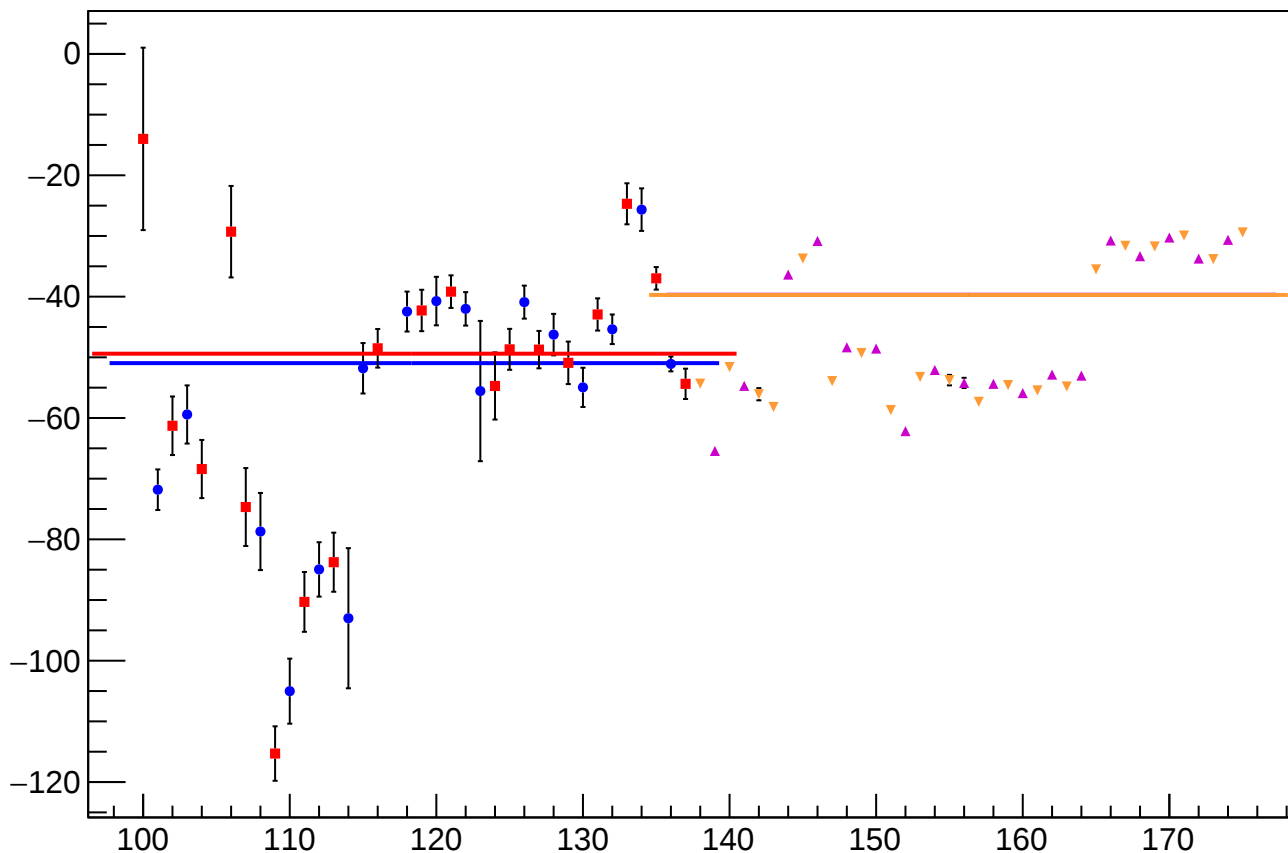
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 5.971 ± 0.088 $\chi^2/\text{NDF}: 2440.3/34$

Out: 6.533 ± 0.087 $\chi^2/\text{NDF}: 2090.8/38$

All: 6.255 ± 0.062 $\chi^2/\text{NDF}: 4551.8/73$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 $\pm$ 0.738 χ^2 /NDF: 331.9/16

Left Out: -39.719 $\pm$ 0.116 χ^2 /NDF: 8963.2/19

Right Out: -49.402 $\pm$ 0.797 χ^2 /NDF: 512.0/18

Left In: -39.683 $\pm$ 0.120 χ^2 /NDF: 8555.0/17

Left: -39.701 $\pm$ 0.083 χ^2 /NDF: 17518.2/37

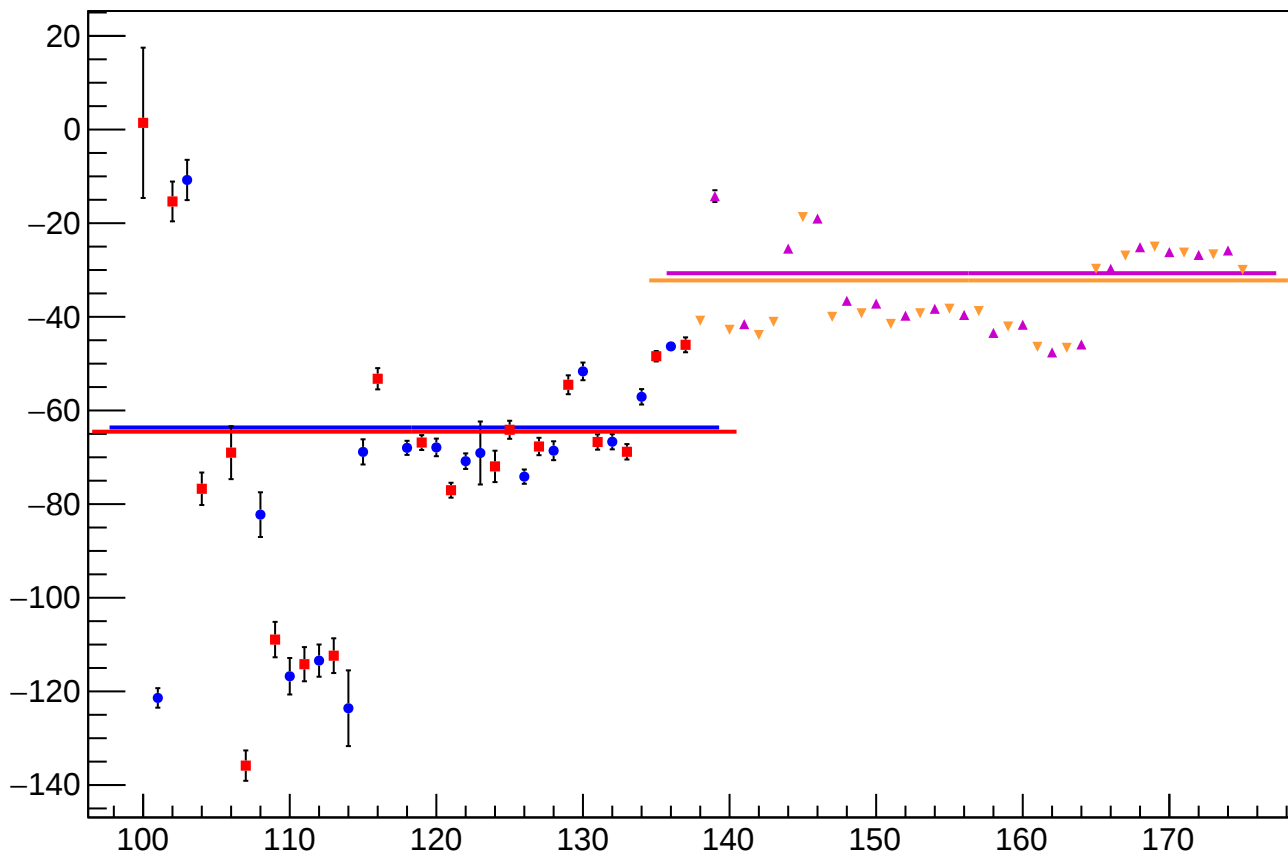
Right: -50.240 $\pm$ 0.542 χ^2 /NDF: 845.9/35

In: -39.972 $\pm$ 0.118 χ^2 /NDF: 9114.1/34

Out: -39.920 $\pm$ 0.115 χ^2 /NDF: 9619.8/38

All: -39.945 $\pm$ 0.082 χ^2 /NDF: 18734.0/73

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -32.220 ± 0.099 χ^2/NDF : 7065.1/19

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -30.682 ± 0.102 χ^2/NDF : 6880.7/17

Left: -31.472 ± 0.071 χ^2/NDF : 14062.1/37

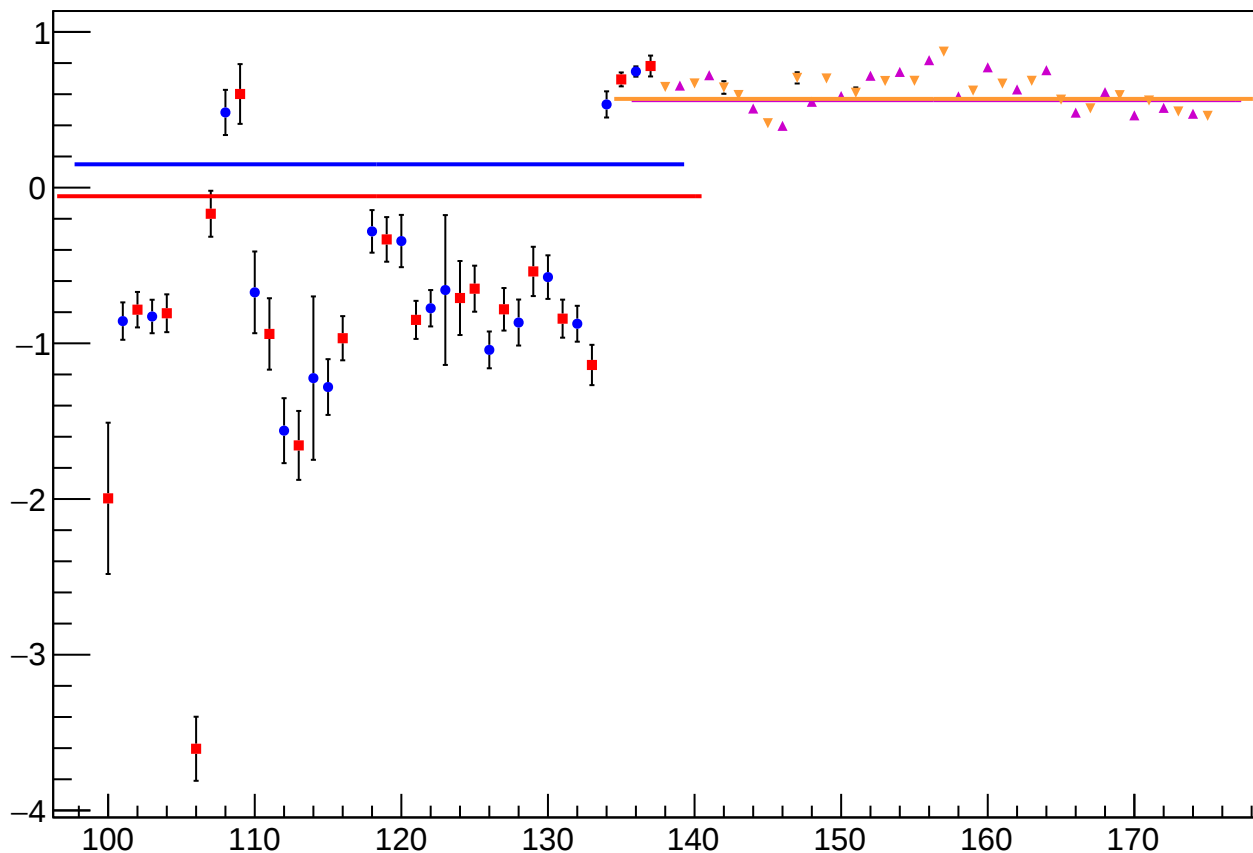
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -32.327 ± 0.100 χ^2/NDF : 14080.9/34

Out: -33.539 ± 0.097 χ^2/NDF : 12987.4/38

All: -32.946 ± 0.070 χ^2/NDF : 27144.0/73

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150+/-0.024 χ^2/NDF : 989.2/16

Left Out: 0.570+/-0.005 χ^2/NDF : 495.6/19

Right Out: -0.055+/-0.026 χ^2/NDF : 1170.0/18

Left In: 0.562+/-0.005 χ^2/NDF : 579.5/17

Left: 0.566+/-0.003 χ^2/NDF : 1076.6/37

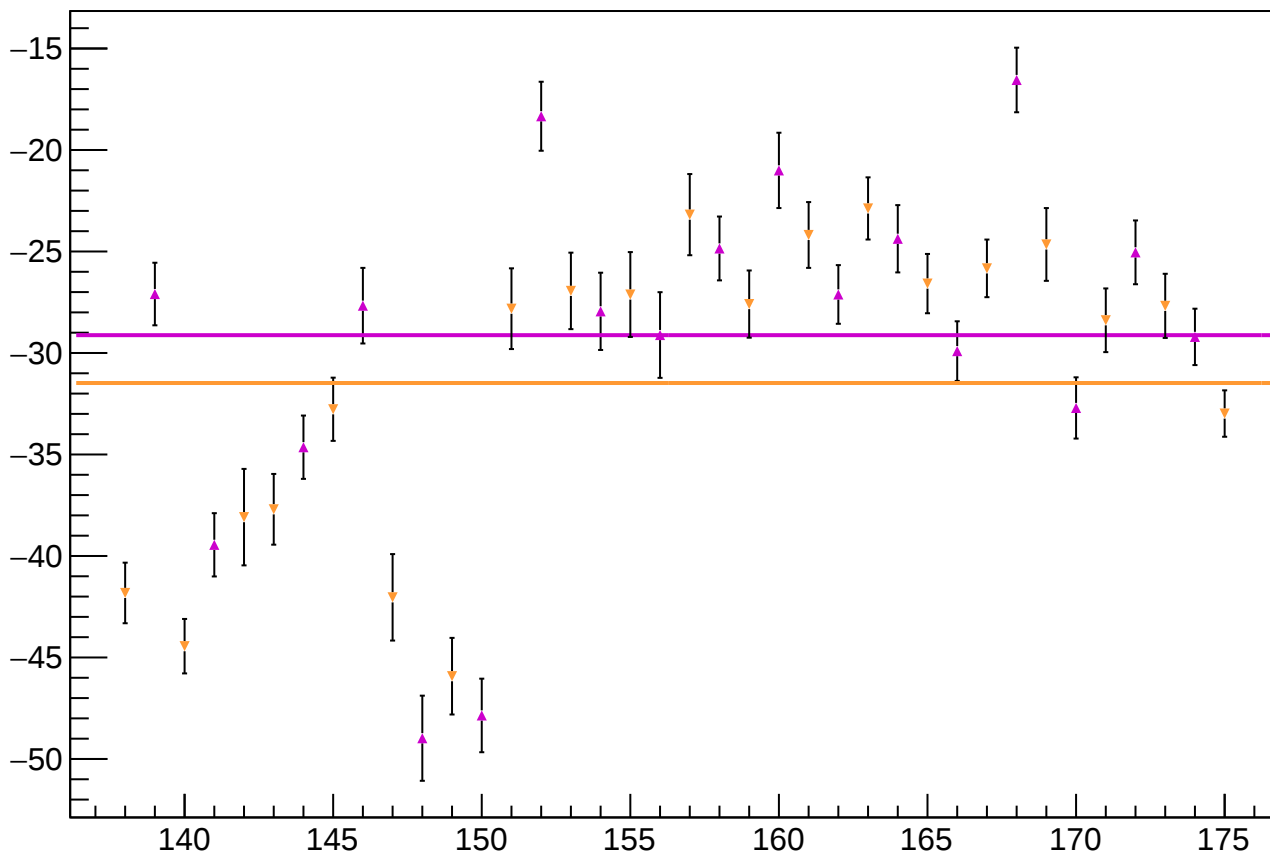
Right: 0.056+/-0.018 χ^2/NDF : 2192.5/35

In: 0.547+/-0.005 χ^2/NDF : 1853.0/34

Out: 0.551+/-0.005 χ^2/NDF : 2218.4/38

All: 0.549+/-0.003 χ^2/NDF : 4071.8/73

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -31.479 ± 0.366 χ^2/NDF : 386.7/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -29.122 ± 0.387 χ^2/NDF : 407.7/17

Left: -30.366 ± 0.266 χ^2/NDF : 814.0/37

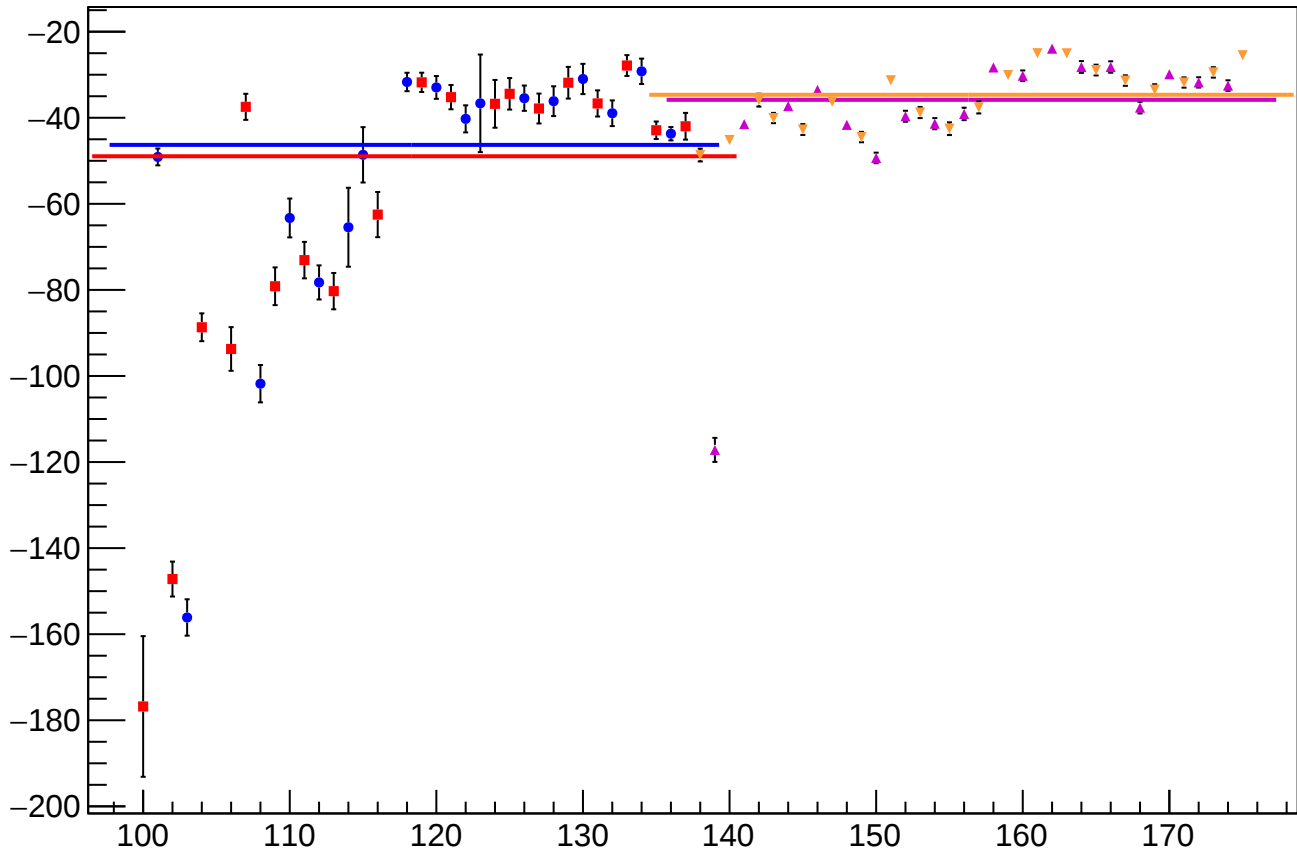
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -29.122 ± 0.387 χ^2/NDF : 407.7/17

Out: -31.479 ± 0.366 χ^2/NDF : 386.7/19

All: -30.366 ± 0.266 χ^2/NDF : 814.0/37

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -34.656 ± 0.273 $\chi^2/\text{NDF}: 641.9/19$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -35.838 ± 0.290 $\chi^2/\text{NDF}: 1353.4/17$

Left: -35.211 ± 0.199 $\chi^2/\text{NDF}: 2004.1/37$

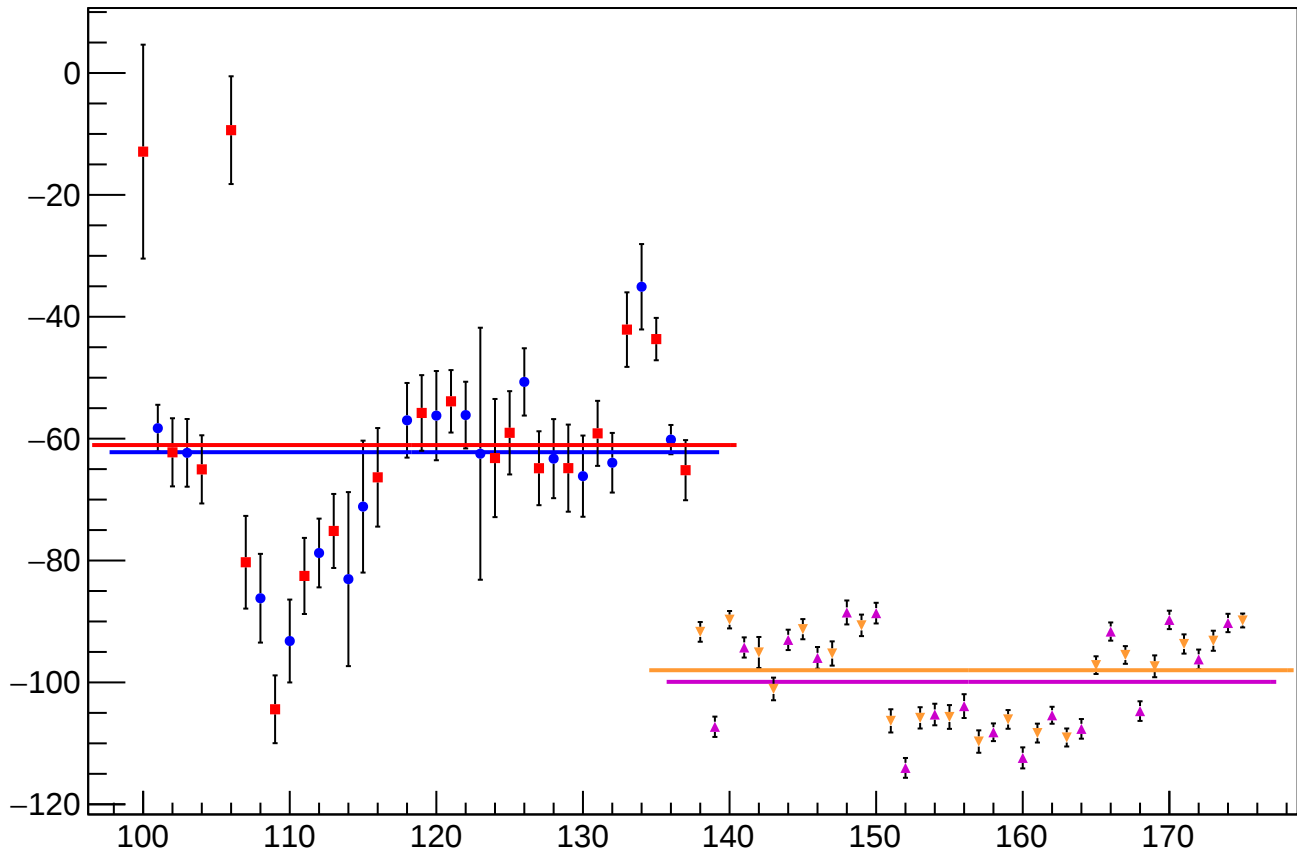
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -37.288 ± 0.269 $\chi^2/\text{NDF}: 2617.5/34$

Out: -36.281 ± 0.257 $\chi^2/\text{NDF}: 2226.7/38$

All: -36.761 ± 0.186 $\chi^2/\text{NDF}: 4851.6/73$

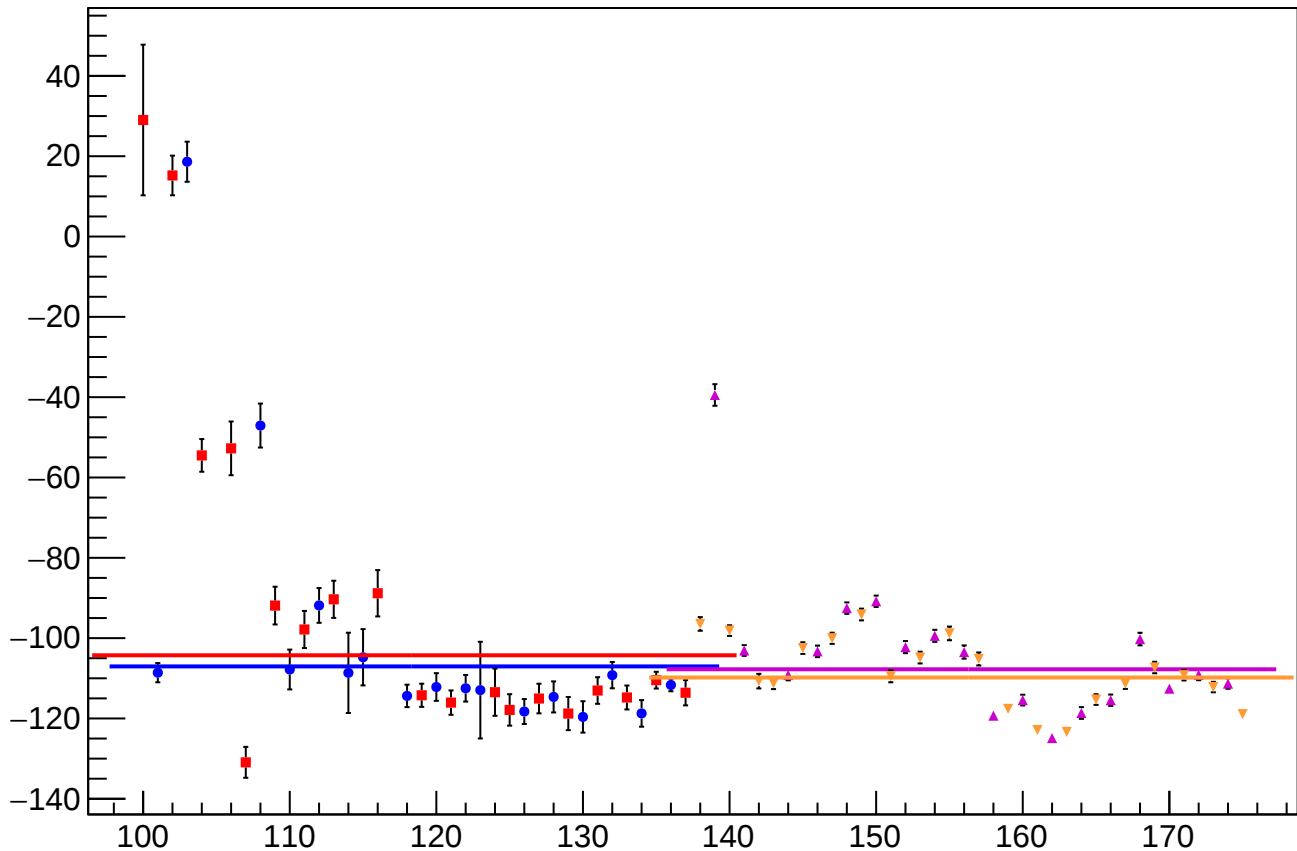
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -98.000 ± 0.365 $\chi^2/\text{NDF}: 382.2/19$
 Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$
 Left In: -99.909 ± 0.384 $\chi^2/\text{NDF}: 473.8/17$

Left: -98.905 ± 0.265 $\chi^2/\text{NDF}: 868.9/37$
 Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$
 In: -96.931 ± 0.369 $\chi^2/\text{NDF}: 1301.5/34$
 Out: -95.582 ± 0.353 $\chi^2/\text{NDF}: 1219.5/38$
 All: -96.227 ± 0.255 $\chi^2/\text{NDF}: 2528.0/73$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -109.805 ± 0.311 $\chi^2/\text{NDF}: 760.0/19$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -107.753 ± 0.329 $\chi^2/\text{NDF}: 1445.1/17$

Left: -108.838 ± 0.226 $\chi^2/\text{NDF}: 2225.6/37$

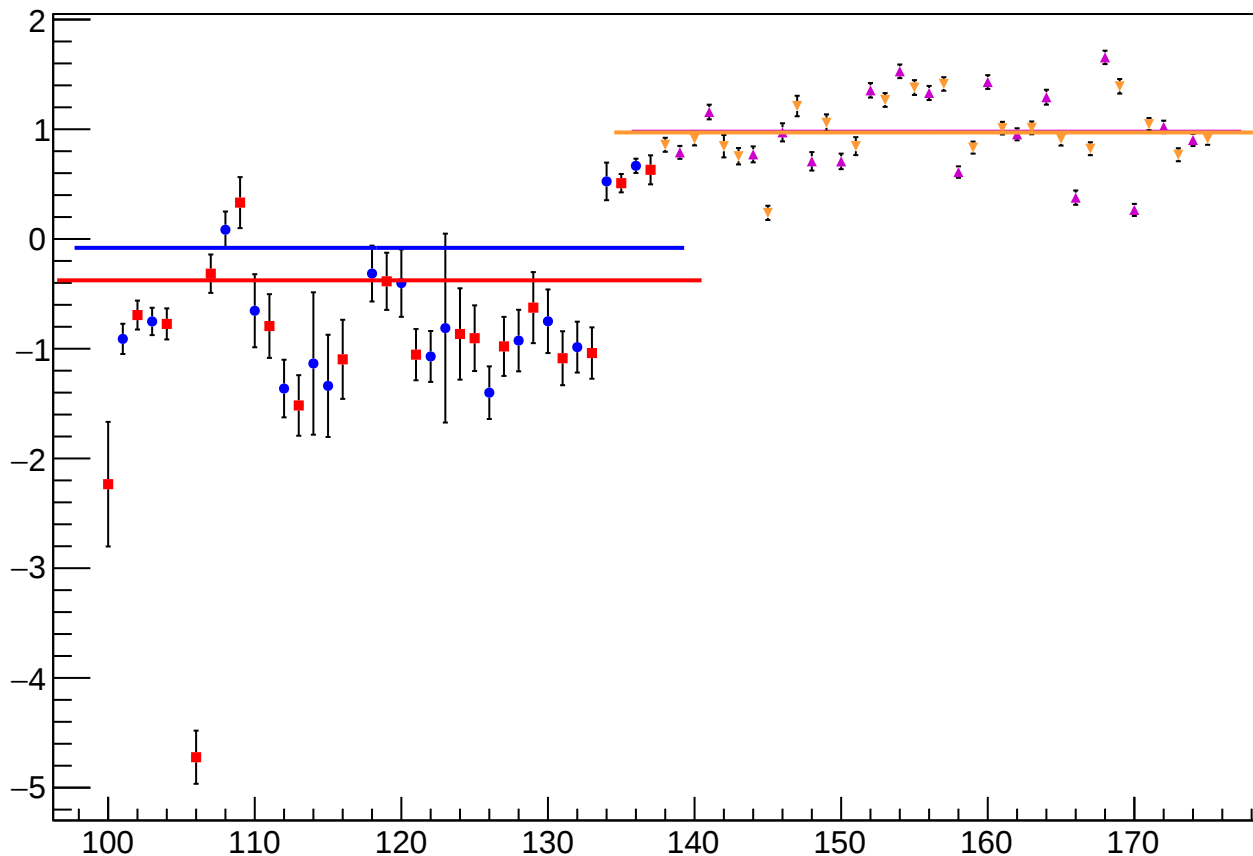
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -107.653 ± 0.305 $\chi^2/\text{NDF}: 2273.6/34$

Out: -109.165 ± 0.292 $\chi^2/\text{NDF}: 1814.7/38$

All: -108.441 ± 0.211 $\chi^2/\text{NDF}: 4101.1/73$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.971 ± 0.014 χ^2/NDF : 330.9/19

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.978 ± 0.015 χ^2/NDF : 691.5/17

Left: 0.974 ± 0.010 χ^2/NDF : 1022.6/37

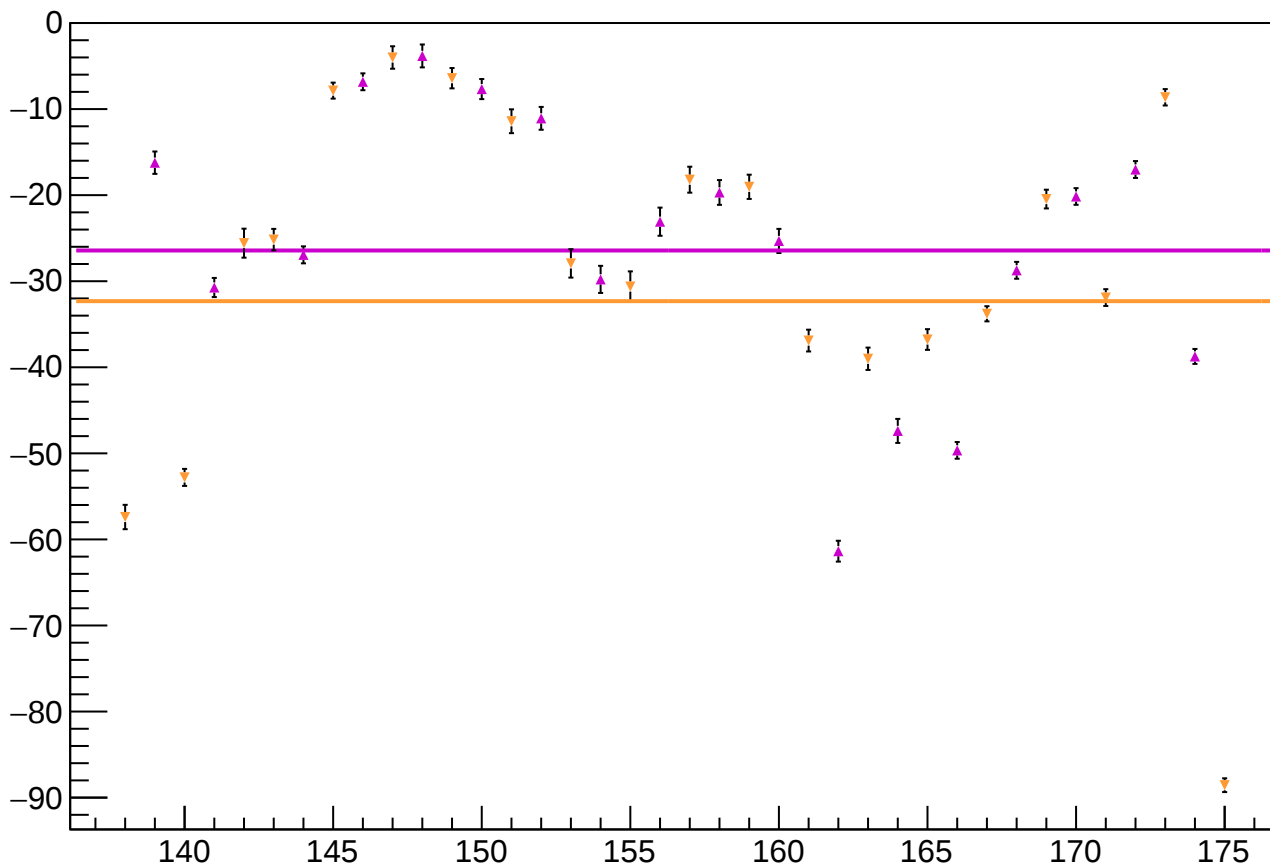
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.862 ± 0.014 χ^2/NDF : 1580.8/34

Out: 0.840 ± 0.014 χ^2/NDF : 1766.2/38

All: 0.850 ± 0.010 χ^2/NDF : 3348.3/73

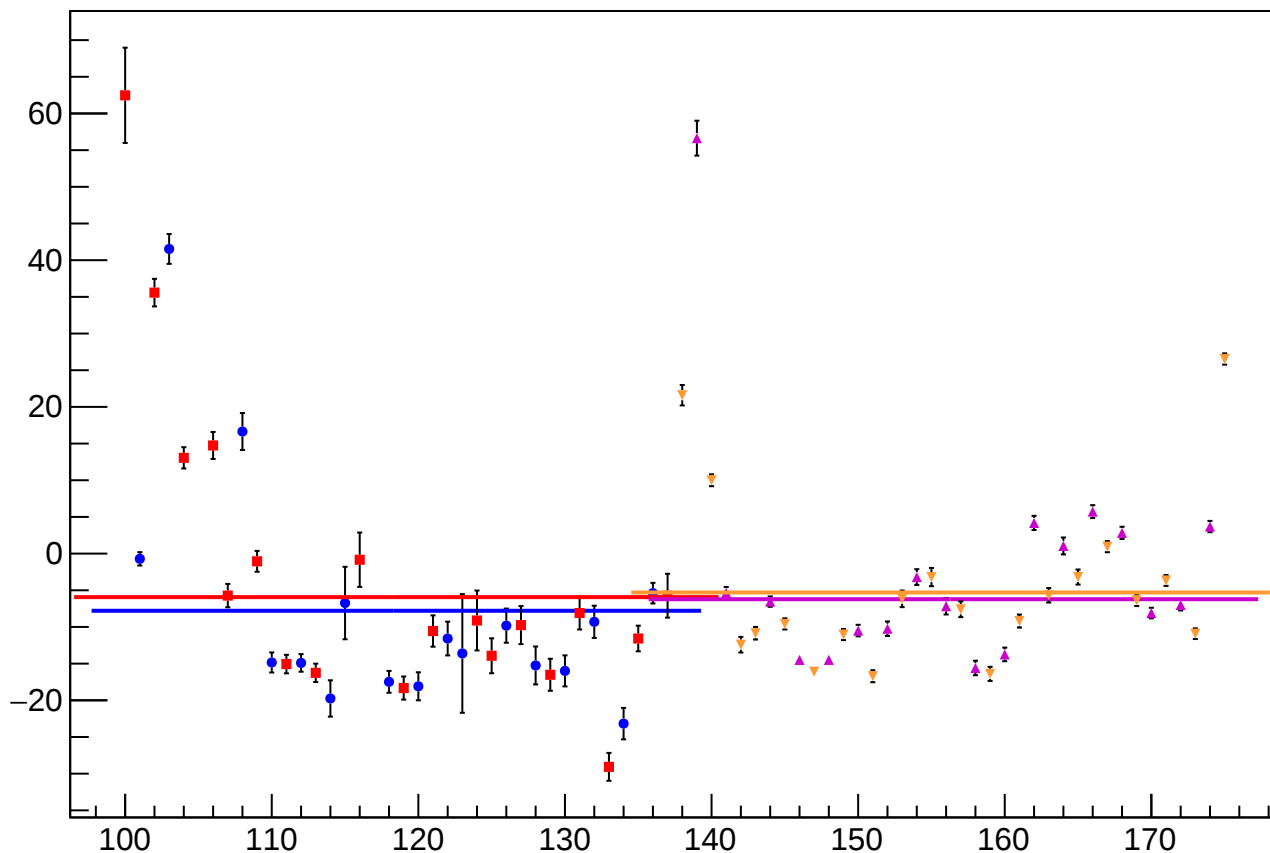
reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



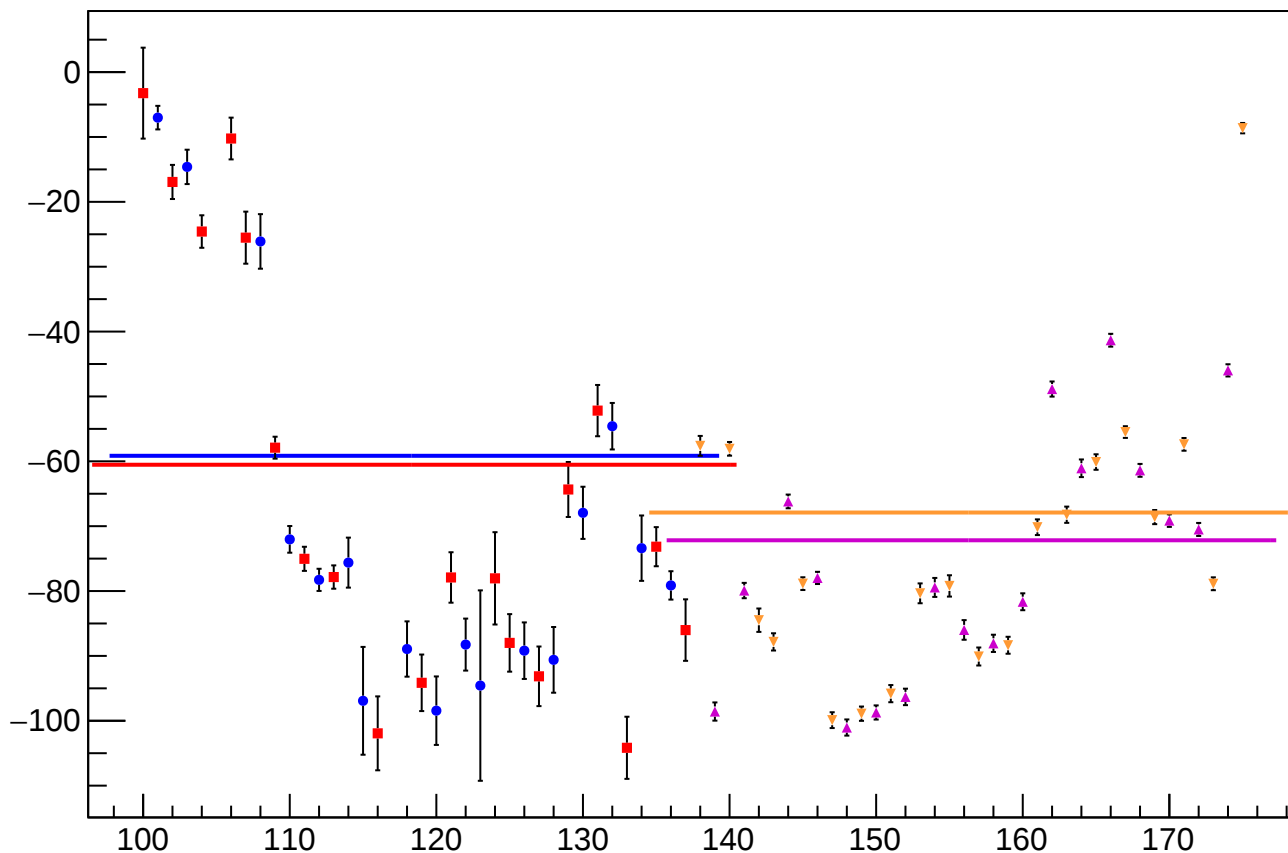
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.317+/-0.259 χ^2/NDF :8584.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.429+/-0.269 χ^2/NDF :3160.5/17

Left: -29.481+/-0.187 χ^2/NDF : 11993.3/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -26.429+/-0.269 χ^2/NDF :3160.5/17
 Out: -32.317+/-0.259 χ^2/NDF :8584.3/19
 All: -29.481+/-0.187 χ^2/NDF : 11993.3/37

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -67.896 ± 0.259 $\chi^2/\text{NDF}: 9054.6/19$

Right Out: -60.530 ± 0.704 $\chi^2/\text{NDF}: 1385.2/18$

Left In: -72.175 ± 0.268 $\chi^2/\text{NDF}: 4602.5/17$

Left: -69.961 ± 0.186 $\chi^2/\text{NDF}: 13788.8/37$

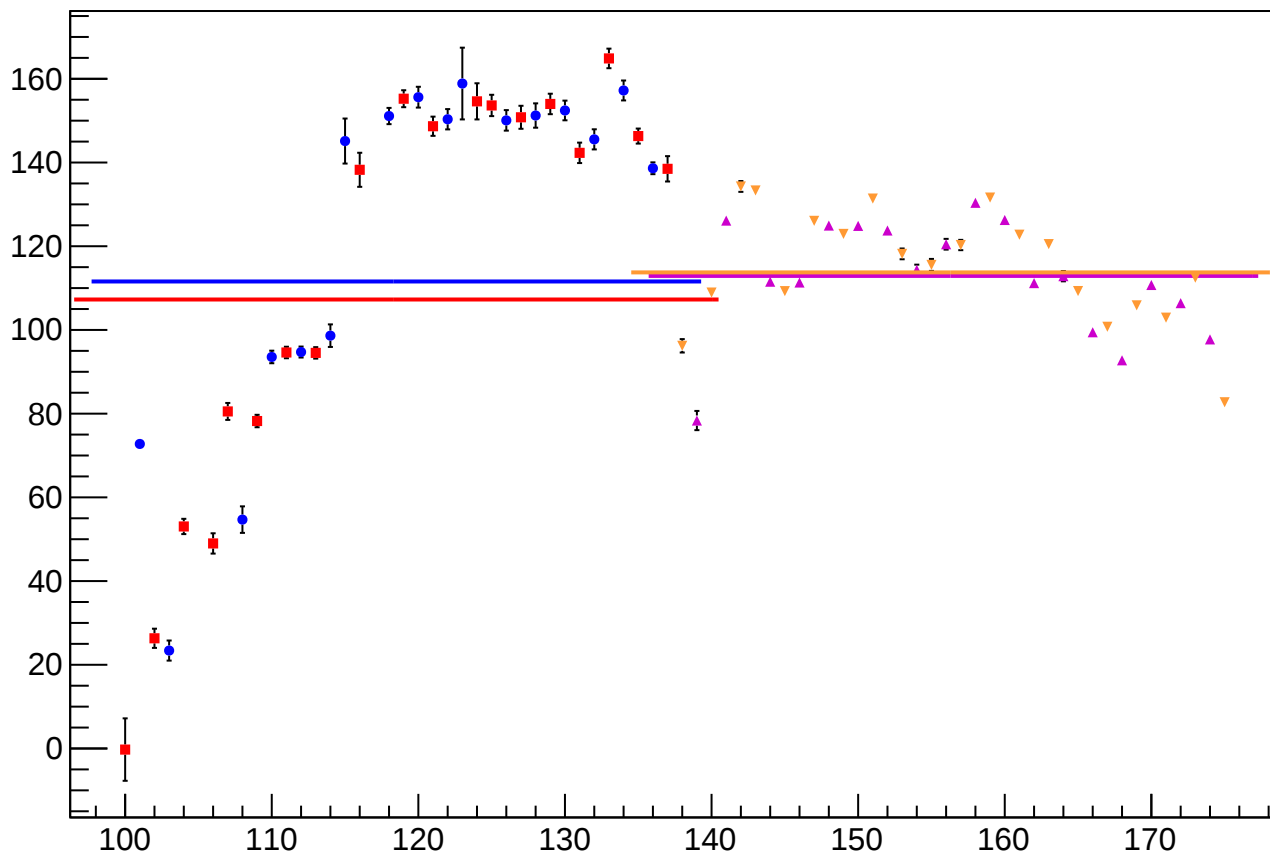
Right: -59.879 ± 0.512 $\chi^2/\text{NDF}: 3105.4/35$

In: -70.681 ± 0.252 $\chi^2/\text{NDF}: 6591.2/34$

Out: -67.018 ± 0.243 $\chi^2/\text{NDF}: 10536.2/38$

All: -68.781 ± 0.175 $\chi^2/\text{NDF}: 17236.8/73$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 113.749 $\pm$ 0.219 χ^2 /NDF: 3856.3/19

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 112.909 $\pm$ 0.228 χ^2 /NDF: 2415.9/17

Left: 113.345 $\pm$ 0.158 χ^2 /NDF: 6279.2/37

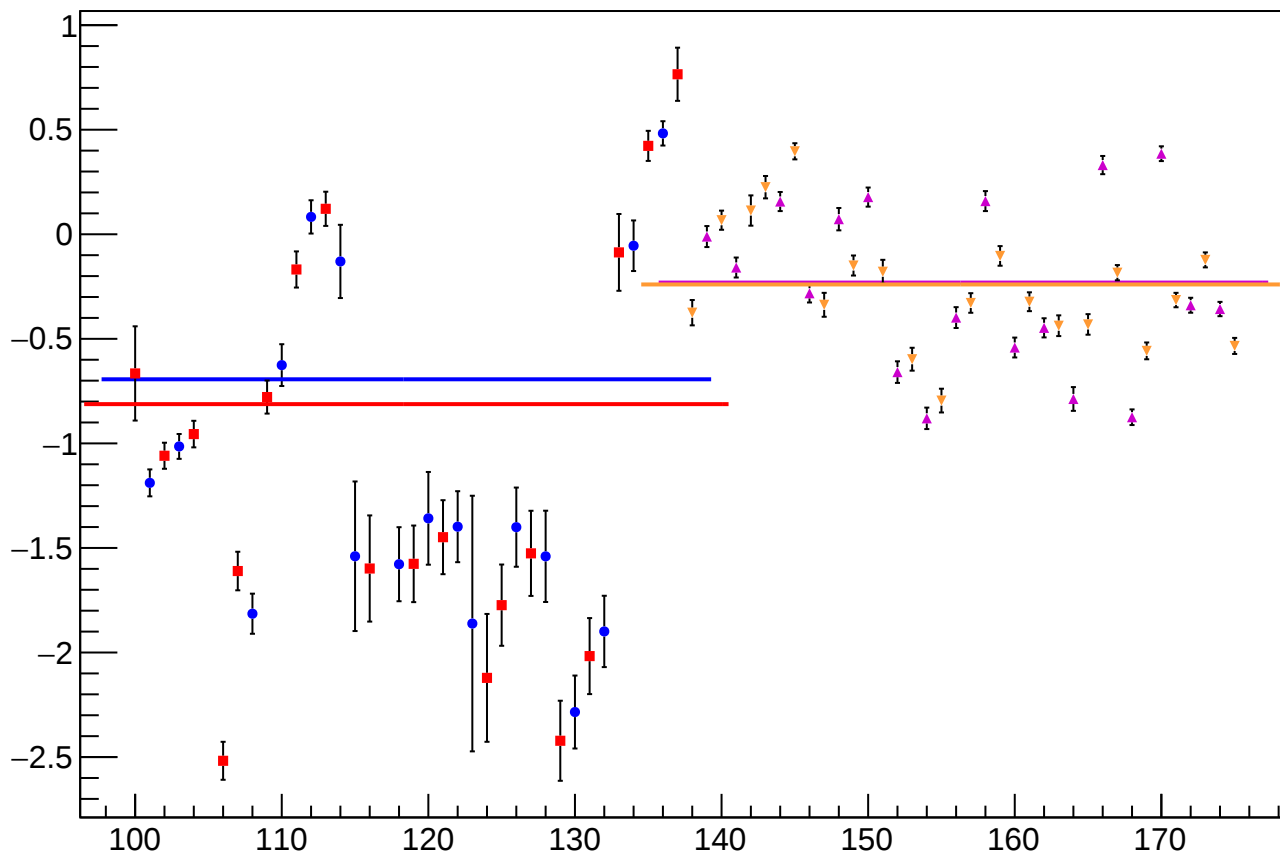
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 112.670 $\pm$ 0.207 χ^2 /NDF: 8367.9/34

Out: 112.657 $\pm$ 0.200 χ^2 /NDF: 11047.9/38

All: 112.663 $\pm$ 0.144 χ^2 /NDF: 19415.8/73

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 $\chi^2/\text{NDF}: 990.7/16$

Left Out: -0.240 ± 0.010 $\chi^2/\text{NDF}: 752.4/19$

Right Out: -0.812 ± 0.024 $\chi^2/\text{NDF}: 1309.2/18$

Left In: -0.231 ± 0.010 $\chi^2/\text{NDF}: 1463.8/17$

Left: -0.236 ± 0.007 $\chi^2/\text{NDF}: 2216.5/37$

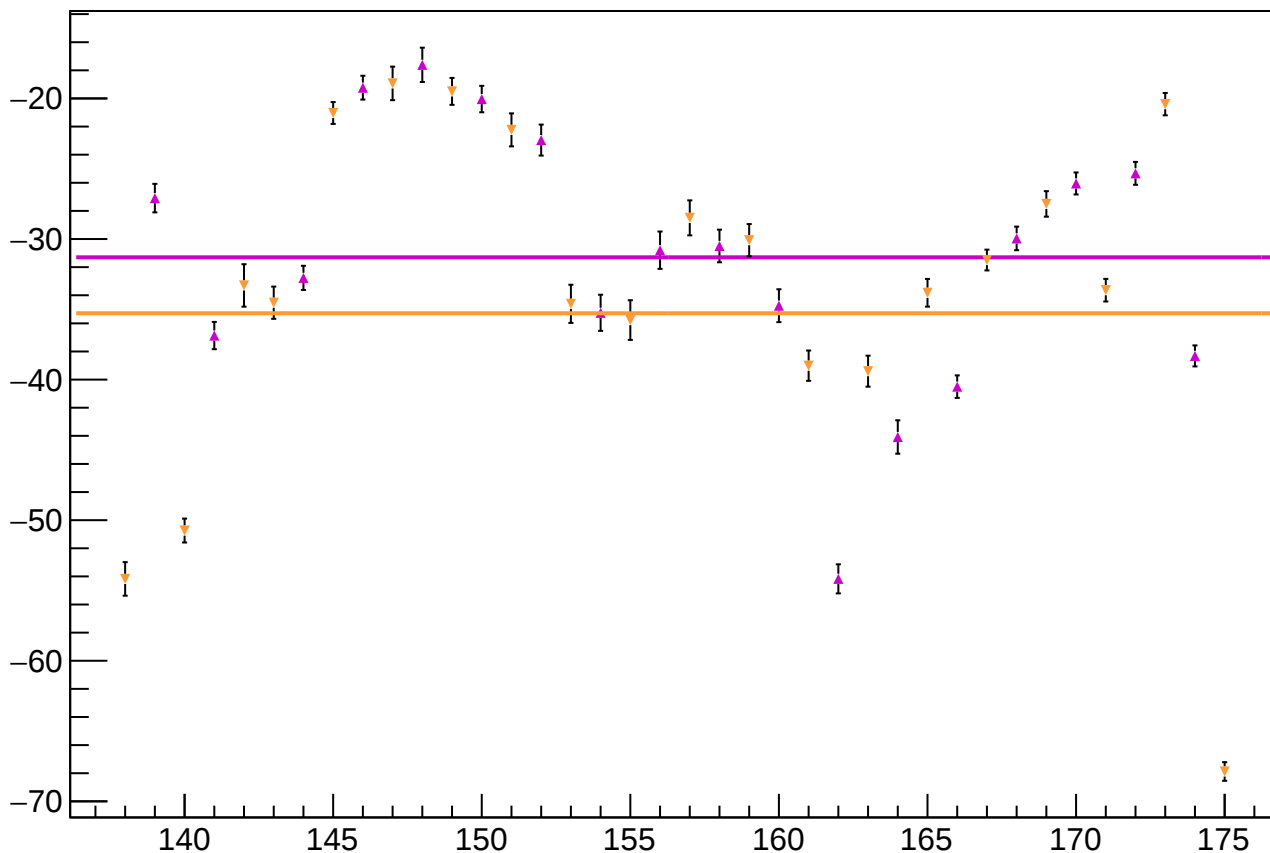
Right: -0.756 ± 0.018 $\chi^2/\text{NDF}: 2311.1/35$

In: -0.296 ± 0.010 $\chi^2/\text{NDF}: 2730.5/34$

Out: -0.326 ± 0.009 $\chi^2/\text{NDF}: 2531.3/38$

All: -0.311 ± 0.007 $\chi^2/\text{NDF}: 5266.7/73$

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



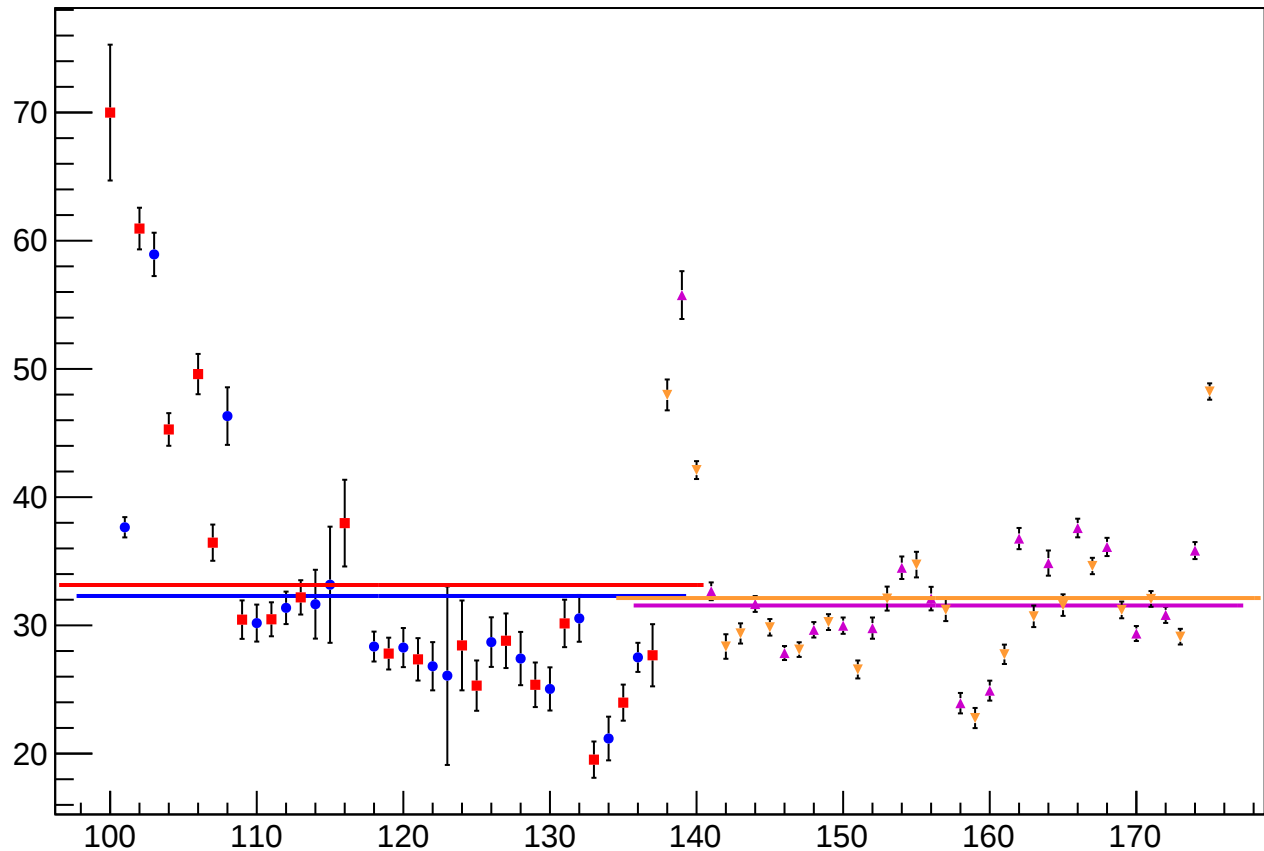
Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -35.280 +/- 0.218 χ^2/NDF : 4457.1/19
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -31.301 +/- 0.226 χ^2/NDF : 1526.0/17

Left: -33.363 +/- 0.157 χ^2/NDF : 6143.9/37
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -31.301 +/- 0.226 χ^2/NDF : 1526.0/17
 Out: -35.280 +/- 0.218 χ^2/NDF : 4457.1/19

All: -33.363 +/- 0.157 χ^2/NDF : 6143.9/37

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 32.131 ± 0.163 $\chi^2/\text{NDF}: 1407.0/19$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 31.551 ± 0.169 $\chi^2/\text{NDF}: 632.0/17$

Left: 31.852 ± 0.117 $\chi^2/\text{NDF}: 2045.1/37$

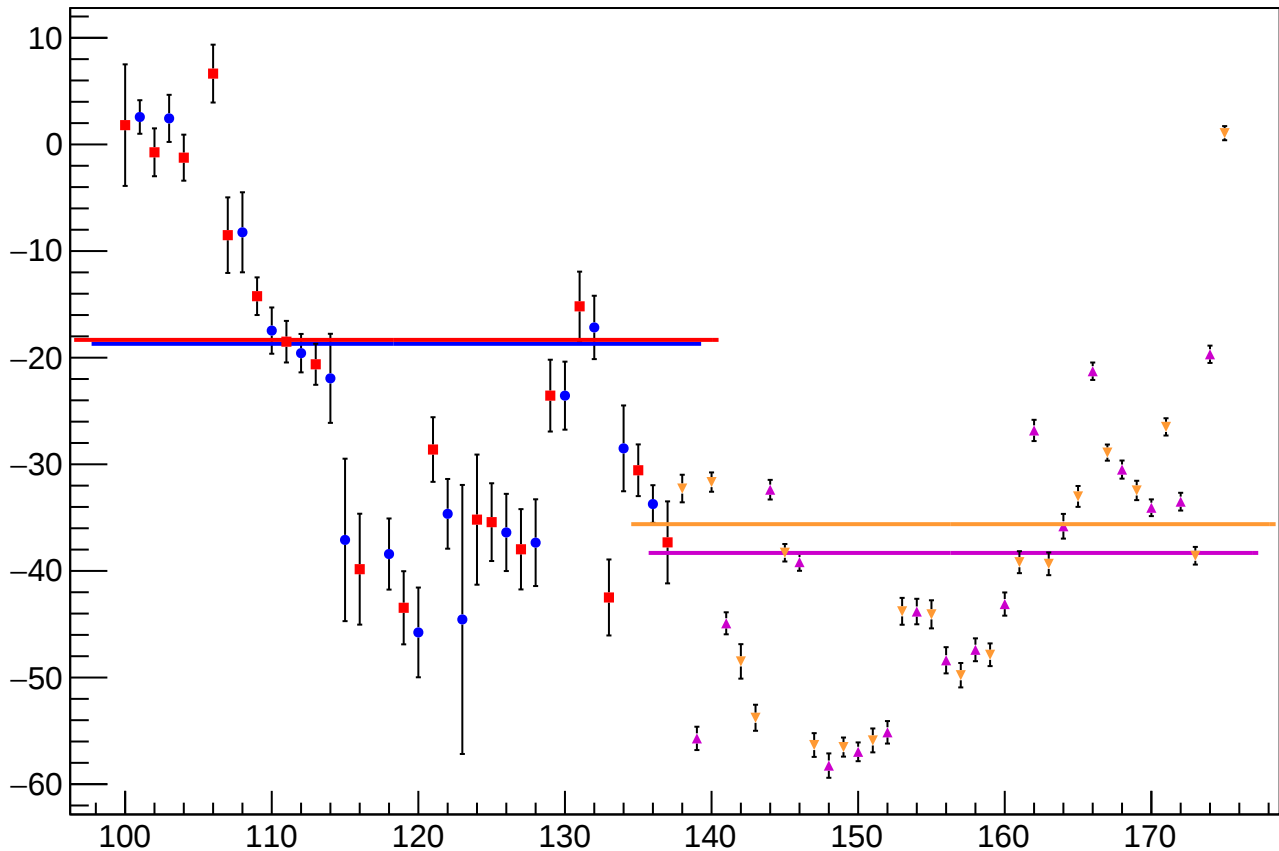
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.677 ± 0.154 $\chi^2/\text{NDF}: 1087.8/34$

Out: 32.289 ± 0.149 $\chi^2/\text{NDF}: 2185.8/38$

All: 31.993 ± 0.107 $\chi^2/\text{NDF}: 3281.7/73$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -35.614 ± 0.217 $\chi^2/\text{NDF}: 5235.1/19$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -38.313 ± 0.225 $\chi^2/\text{NDF}: 2770.8/17$

Left: -36.916 ± 0.156 $\chi^2/\text{NDF}: 8080.2/37$

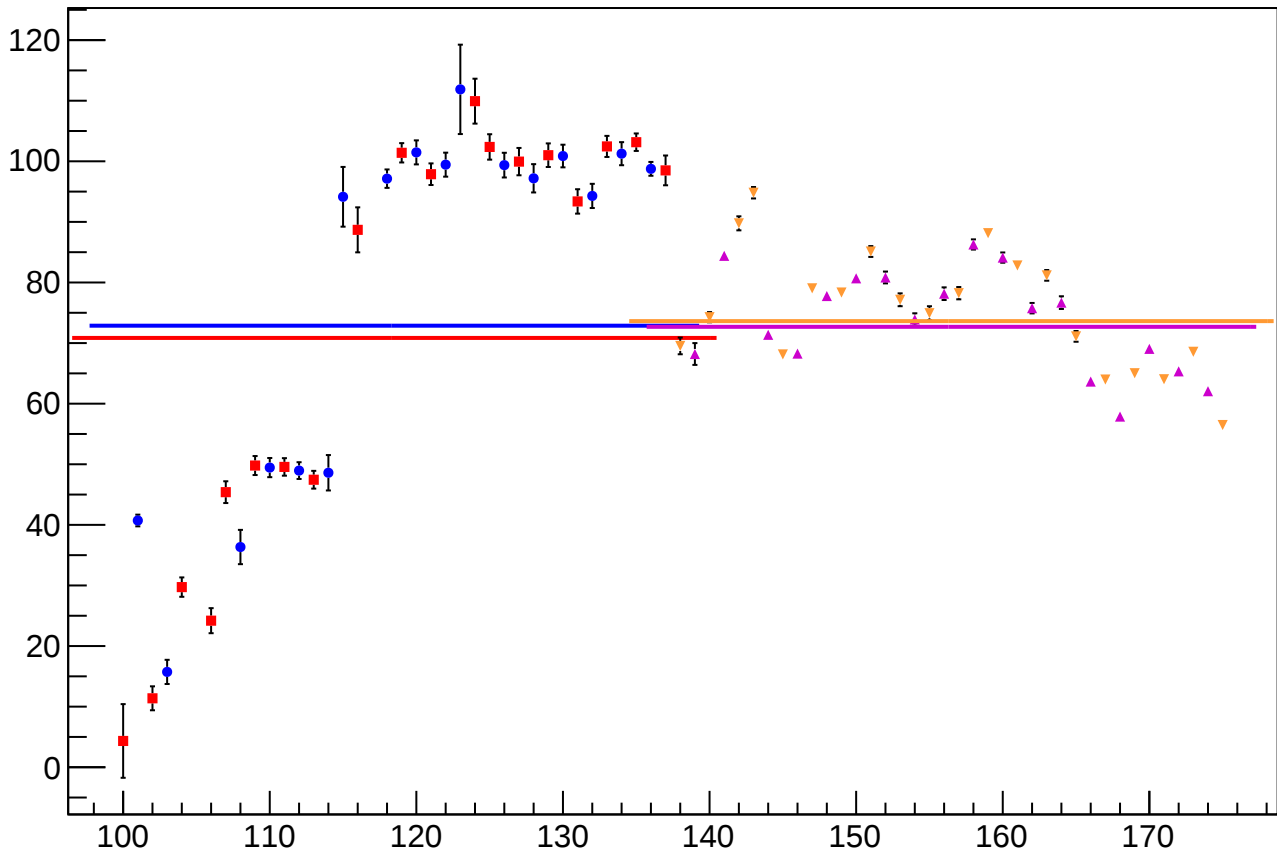
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -36.303 ± 0.213 $\chi^2/\text{NDF}: 4067.1/34$

Out: -33.842 ± 0.206 $\chi^2/\text{NDF}: 6356.7/38$

All: -35.029 ± 0.148 $\chi^2/\text{NDF}: 10492.6/73$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 73.624 $\pm$ 0.185 χ^2 /NDF:2809.0/19

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 72.684 $\pm$ 0.193 χ^2 /NDF:1810.3/17

Left: 73.173 $\pm$ 0.134 χ^2 /NDF: 4631.6/37

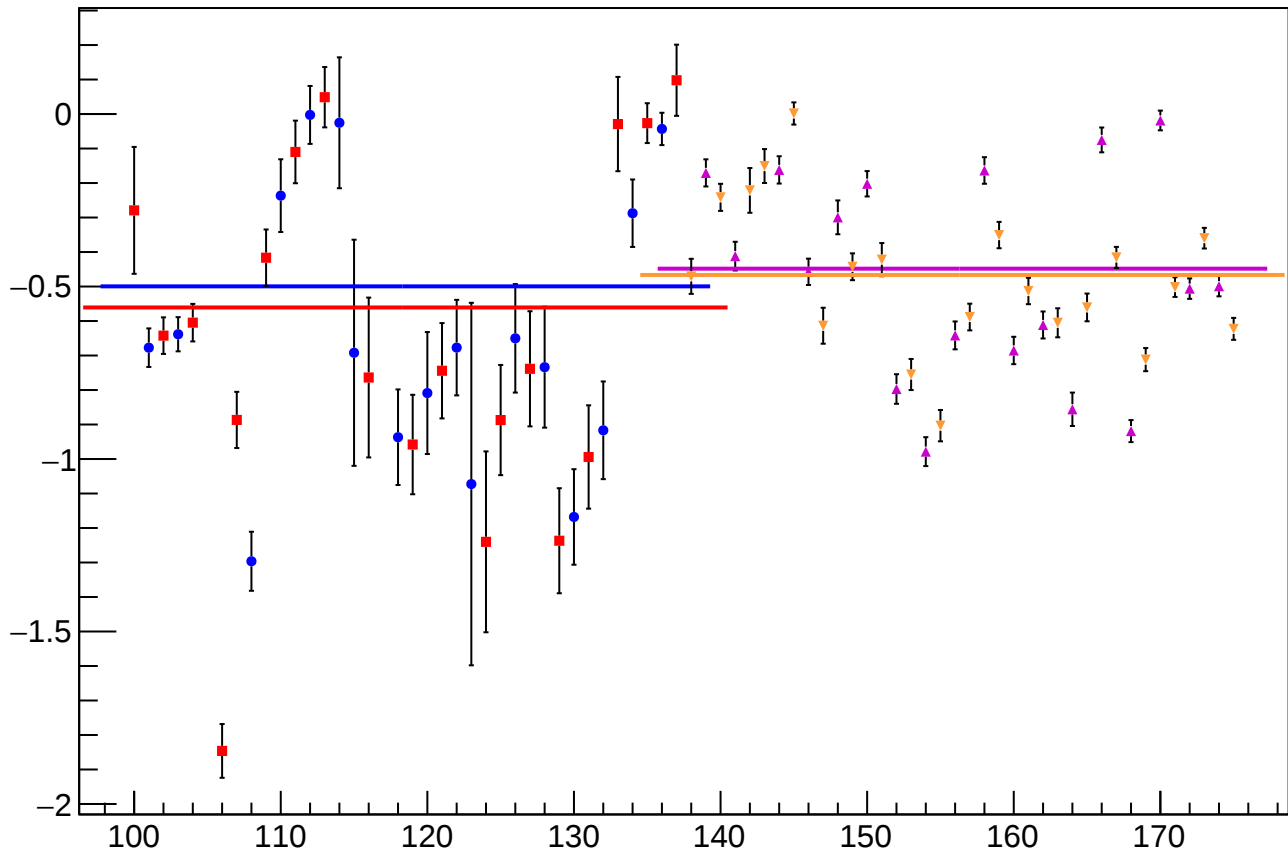
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 72.716 $\pm$ 0.176 χ^2 /NDF:6537.5/34

Out: 73.195 $\pm$ 0.170 χ^2 /NDF:8339.1/38

All: 72.963 $\pm$ 0.122 χ^2 /NDF: 14880.5/73

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.467 ± 0.009 χ^2/NDF : 574.3/19

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.448 ± 0.009 χ^2/NDF : 1142.1/17

Left: -0.458 ± 0.006 χ^2/NDF : 1718.6/37

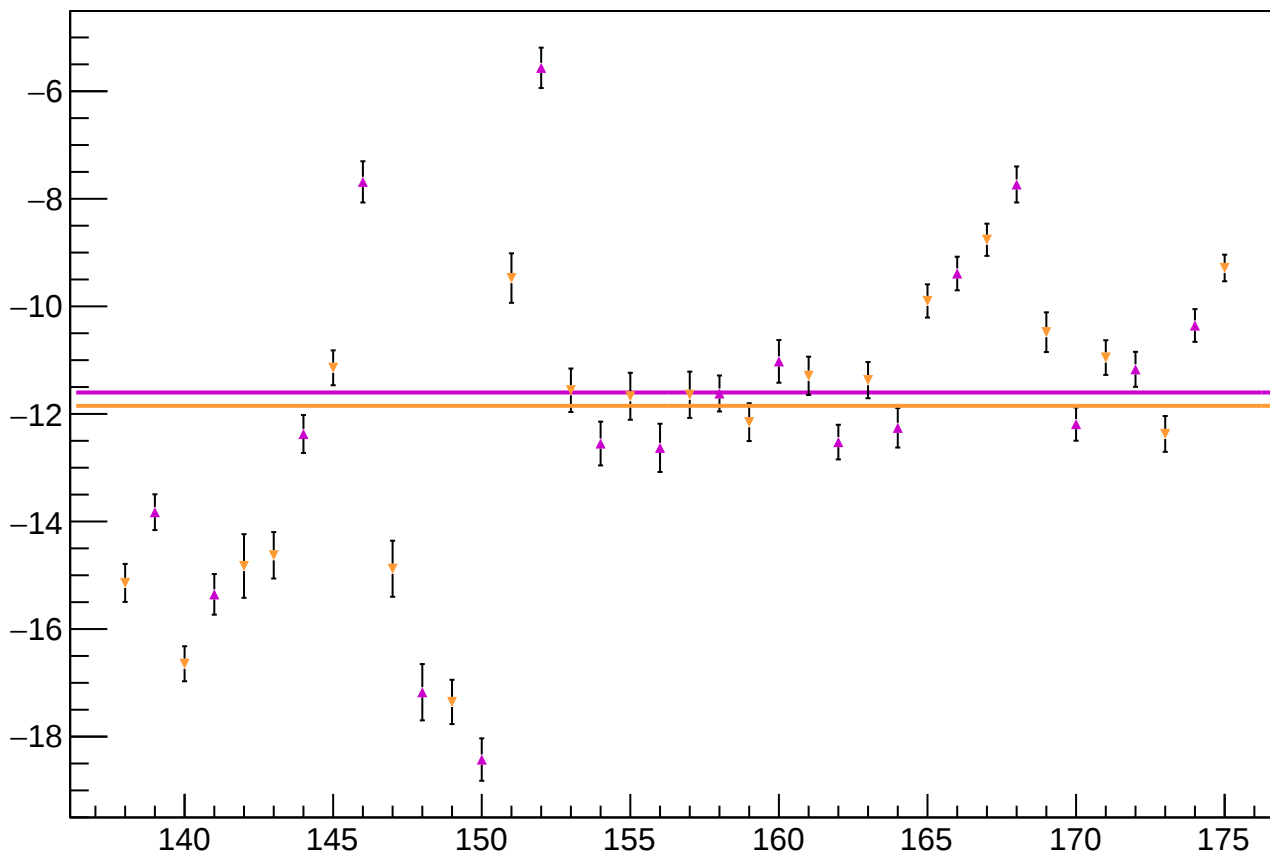
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.455 ± 0.008 χ^2/NDF : 1449.3/34

Out: -0.480 ± 0.008 χ^2/NDF : 1152.7/38

All: -0.468 ± 0.006 χ^2/NDF : 2606.7/73

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.850+/-0.080 χ^2/NDF :898.2/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.601+/-0.084 χ^2/NDF :1153.4/17

Left: -11.731+/-0.058 χ^2/NDF : 2056.2/37

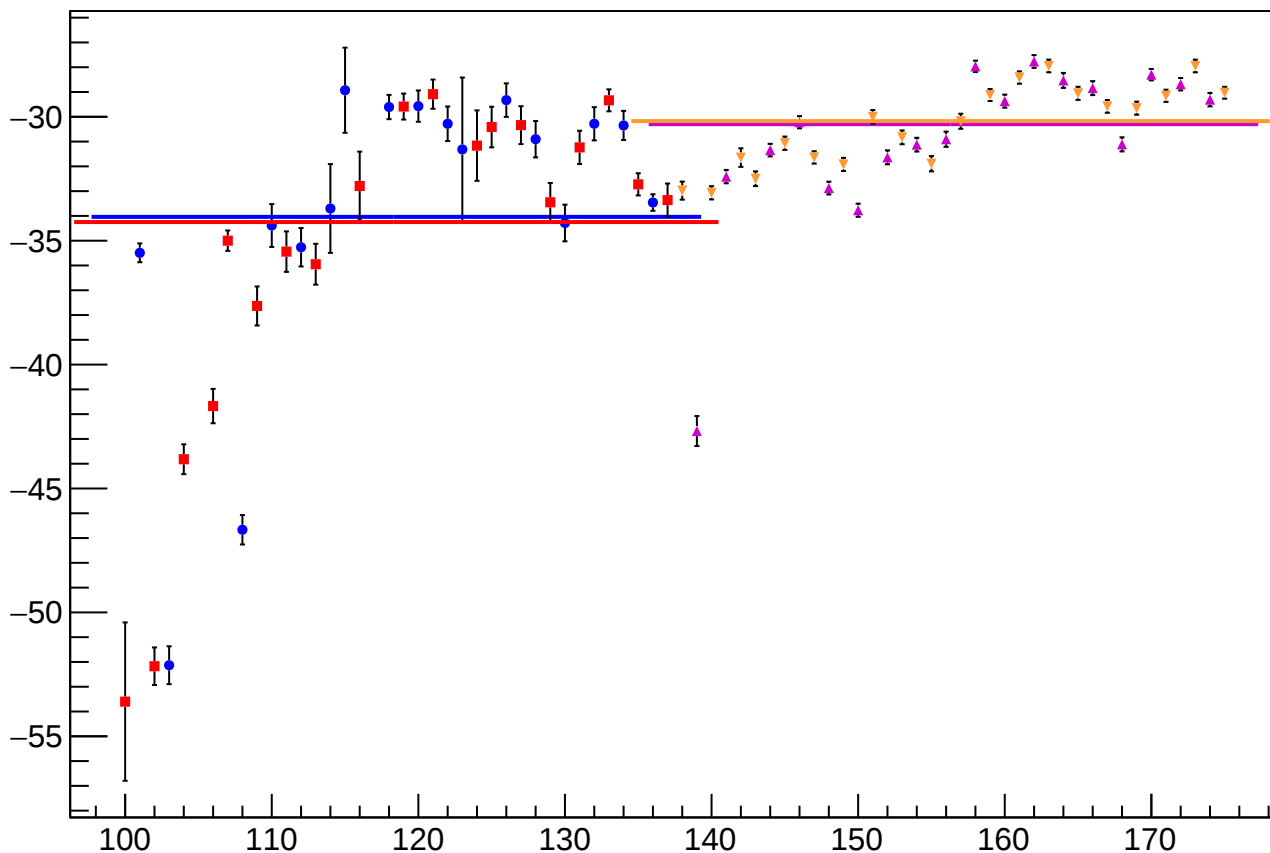
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.601+/-0.084 χ^2/NDF :1153.4/17

Out: -11.850+/-0.080 χ^2/NDF :898.2/19

All: -11.731+/-0.058 χ^2/NDF : 2056.2/37

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -30.174 ± 0.061 $\chi^2/\text{NDF}: 665.0/19$

Right Out: -34.248 ± 0.151 $\chi^2/\text{NDF}: 1357.5/18$

Left In: -30.298 ± 0.064 $\chi^2/\text{NDF}: 1209.8/17$

Left: -30.233 ± 0.044 $\chi^2/\text{NDF}: 1876.8/37$

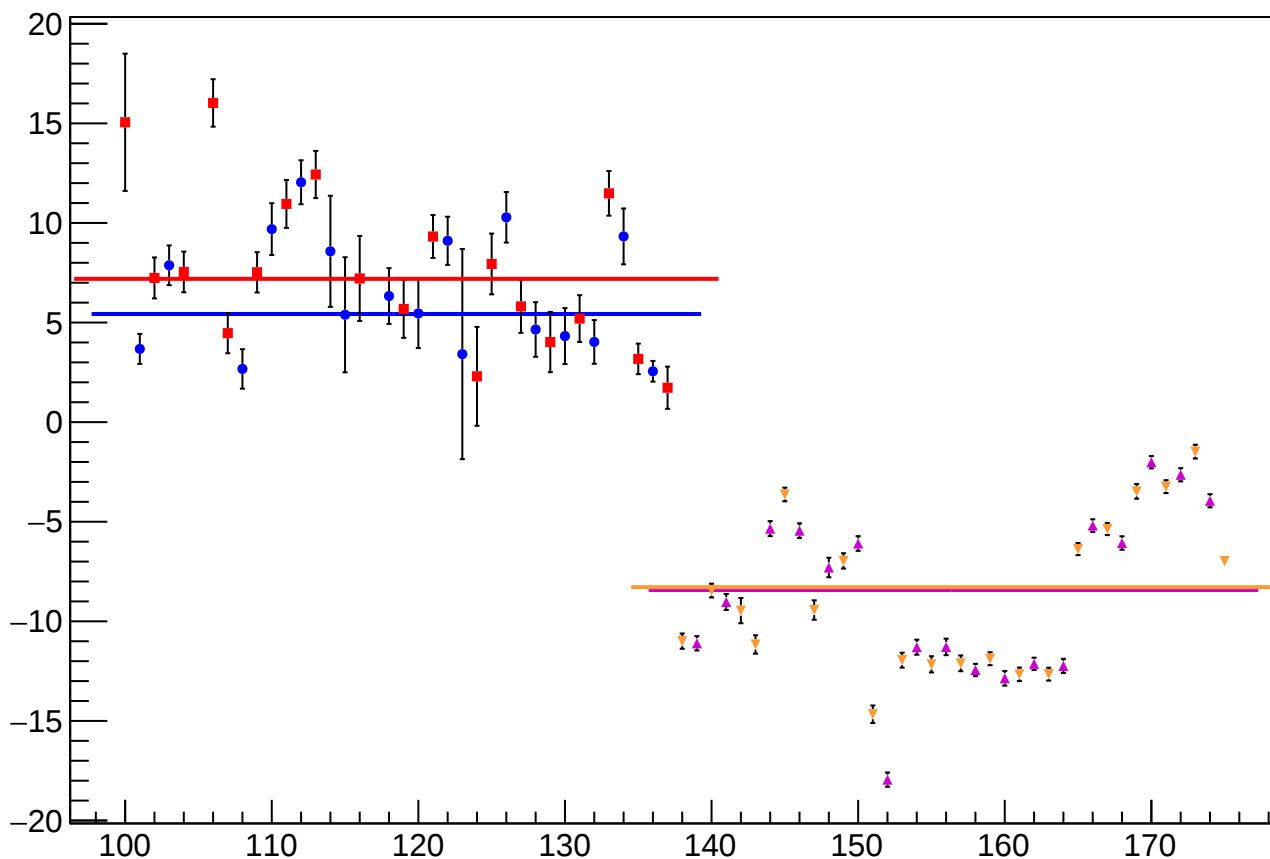
Right: -34.143 ± 0.107 $\chi^2/\text{NDF}: 2701.4/35$

In: -30.865 ± 0.059 $\chi^2/\text{NDF}: 3074.0/34$

Out: -30.741 ± 0.056 $\chi^2/\text{NDF}: 2652.2/38$

All: -30.800 ± 0.041 $\chi^2/\text{NDF}: 5728.5/73$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -8.284 ± 0.080 χ^2/NDF : 2205.1/19

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -8.427 ± 0.083 χ^2/NDF : 2679.9/17

Left: -8.352 ± 0.058 χ^2/NDF : 4886.6/37

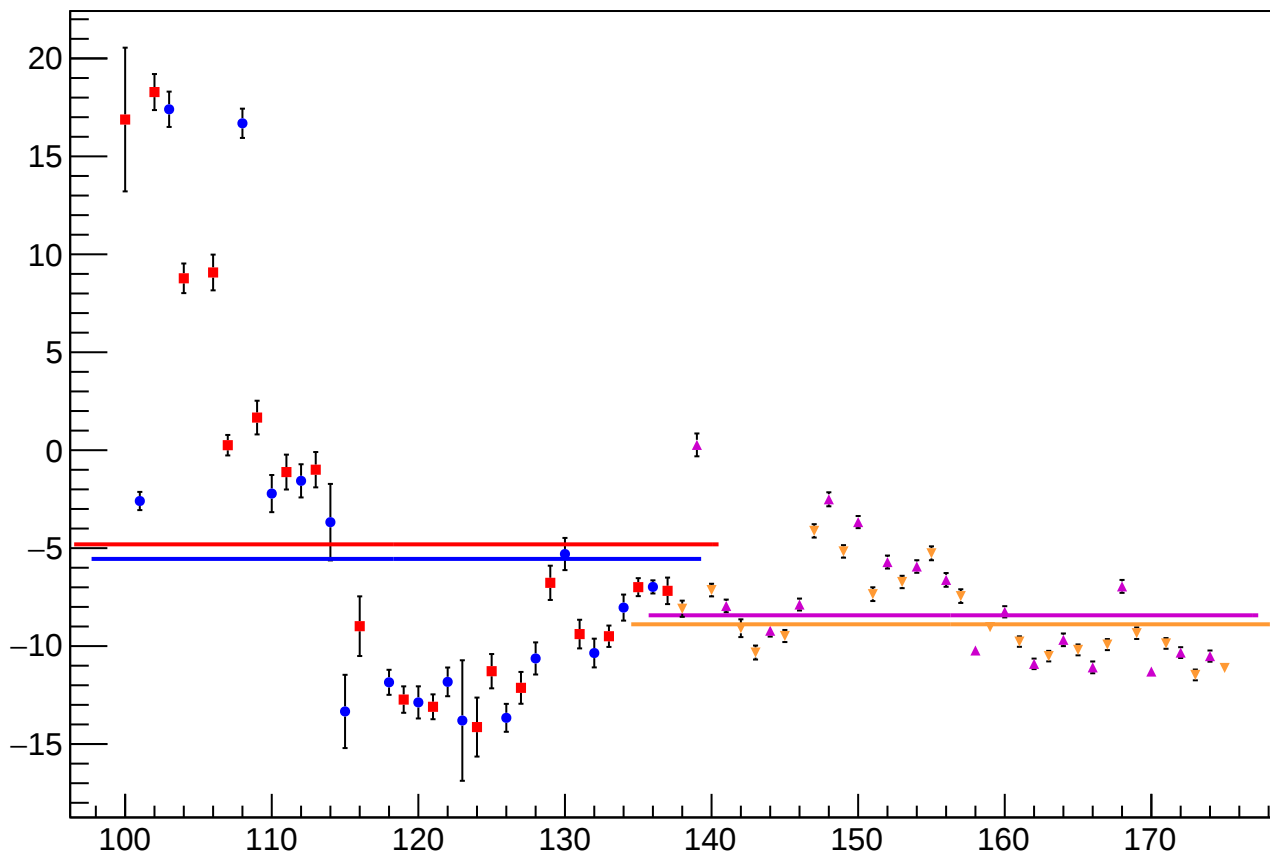
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -7.218 ± 0.080 χ^2/NDF : 5218.2/34

Out: -7.073 ± 0.077 χ^2/NDF : 5328.3/38

All: -7.142 ± 0.055 χ^2/NDF : 10548.2/73

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.888 ± 0.068 χ^2/NDF : 835.4/19

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.428 ± 0.072 χ^2/NDF : 1383.3/17

Left: -8.669 ± 0.050 χ^2/NDF : 2240.1/37

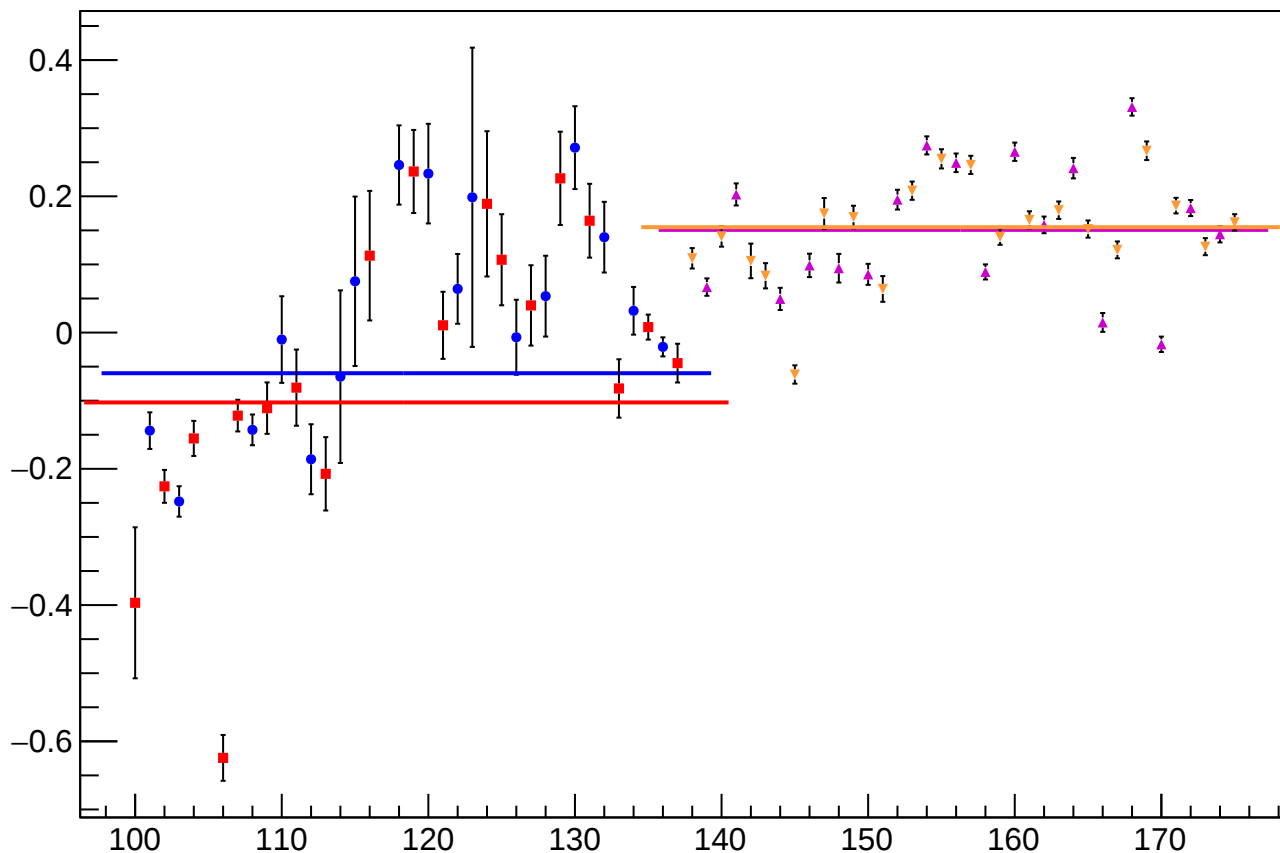
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.992 ± 0.066 χ^2/NDF : 3752.9/34

Out: -8.334 ± 0.064 χ^2/NDF : 3366.6/38

All: -8.170 ± 0.046 χ^2/NDF : 7133.4/73

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.155 ± 0.003 χ^2/NDF : 519.4/19

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.151 ± 0.003 χ^2/NDF : 939.4/17

Left: 0.153 ± 0.002 χ^2/NDF : 1459.5/37

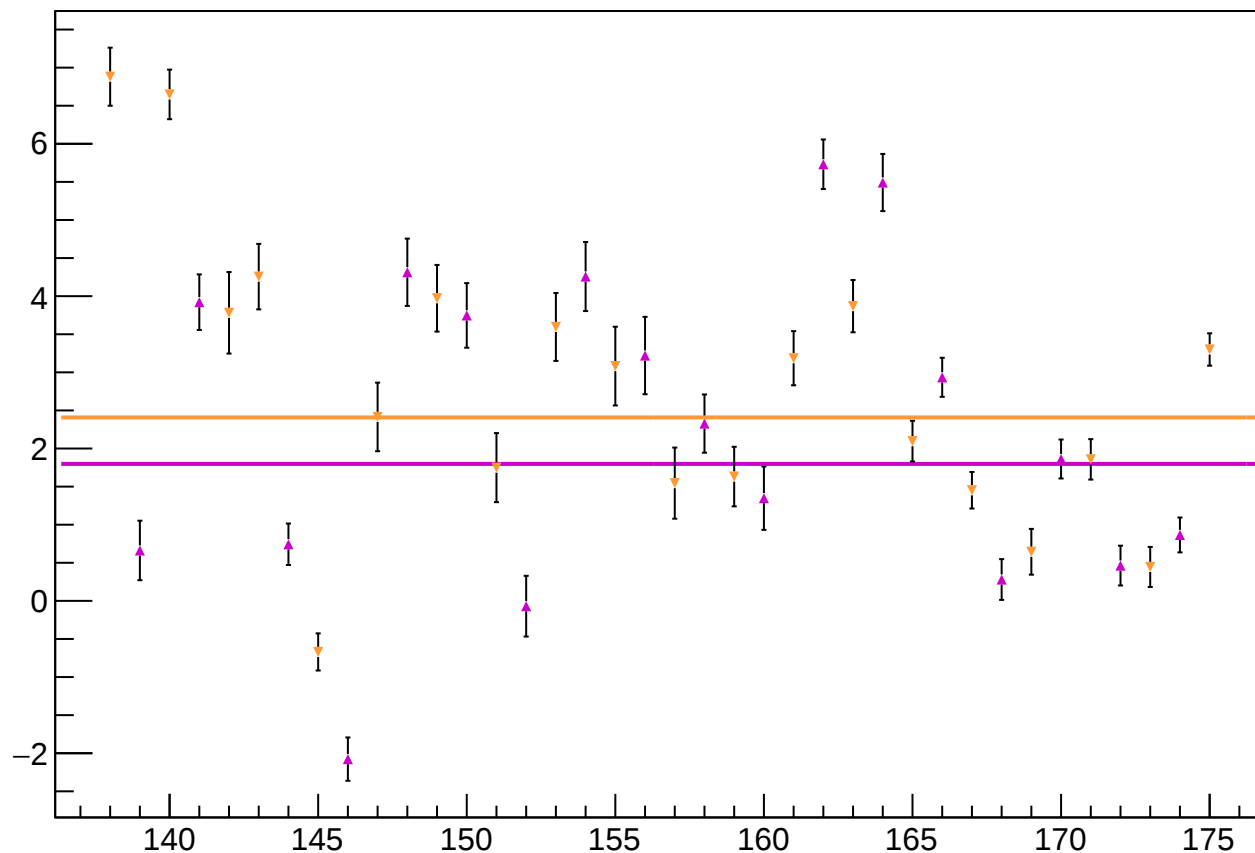
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.124 ± 0.003 χ^2/NDF : 1704.3/34

Out: 0.123 ± 0.003 χ^2/NDF : 1775.2/38

All: 0.124 ± 0.002 χ^2/NDF : 3479.5/73

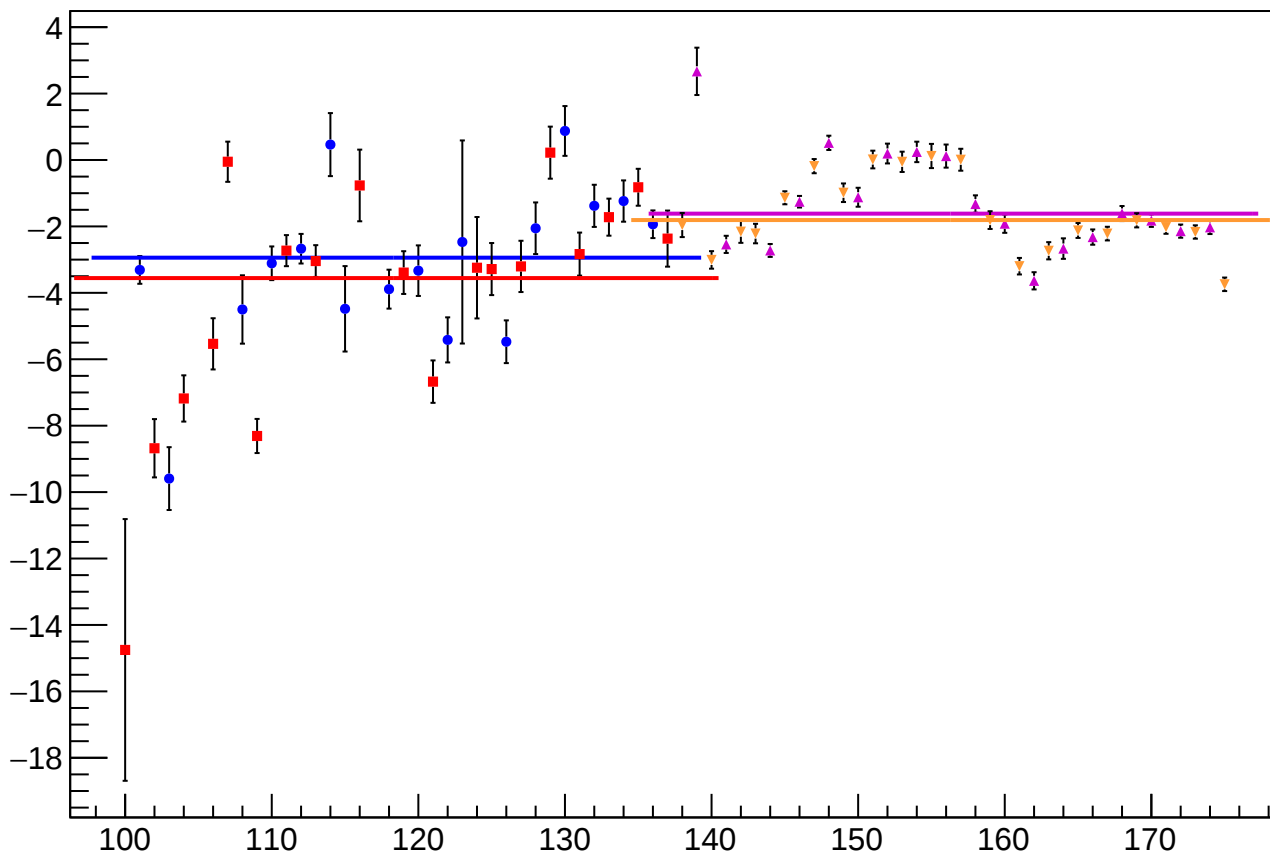
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 2.408 ± 0.073 $\chi^2/\text{NDF}: 675.5/19$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 1.798 ± 0.076 $\chi^2/\text{NDF}: 696.4/17$

Left: 2.115 ± 0.053 $\chi^2/\text{NDF}: 1405.3/37$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 1.798 ± 0.076 $\chi^2/\text{NDF}: 696.4/17$
 Out: 2.408 ± 0.073 $\chi^2/\text{NDF}: 675.5/19$
 All: 2.115 ± 0.053 $\chi^2/\text{NDF}: 1405.3/37$

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.809 ± 0.055 $\chi^2/\text{NDF}: 384.2/19$

Right Out: -3.556 ± 0.155 $\chi^2/\text{NDF}: 291.6/18$

Left In: -1.615 ± 0.057 $\chi^2/\text{NDF}: 381.4/17$

Left: -1.715 ± 0.040 $\chi^2/\text{NDF}: 771.6/37$

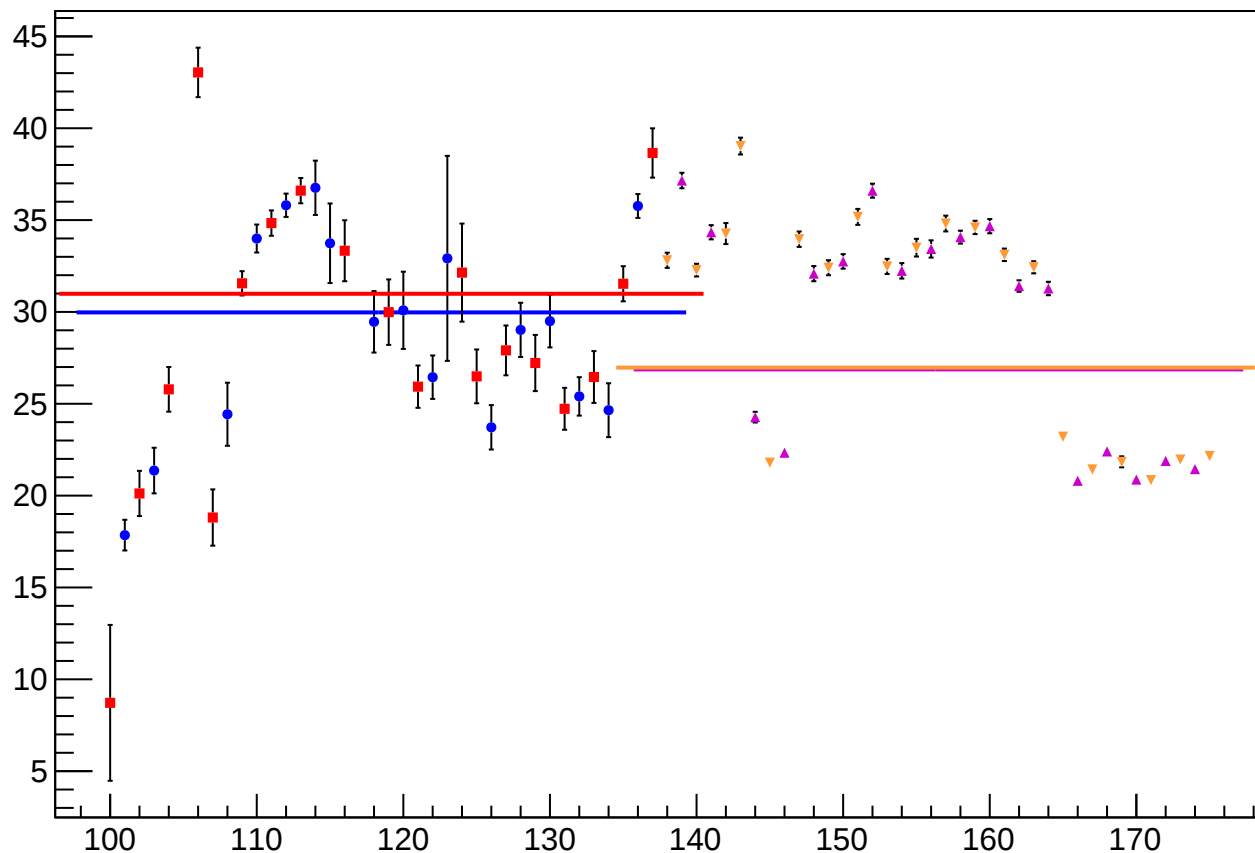
Right: -3.248 ± 0.109 $\chi^2/\text{NDF}: 445.2/35$

In: -1.774 ± 0.053 $\chi^2/\text{NDF}: 592.1/34$

Out: -2.006 ± 0.052 $\chi^2/\text{NDF}: 789.3/38$

All: -1.893 ± 0.037 $\chi^2/\text{NDF}: 1391.0/73$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 26.969 $\pm$ 0.073 χ^2 /NDF: 6603.2/19

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 26.871 $\pm$ 0.076 χ^2 /NDF: 6070.5/17

Left: 26.922 $\pm$ 0.053 χ^2 /NDF: 12674.5/37

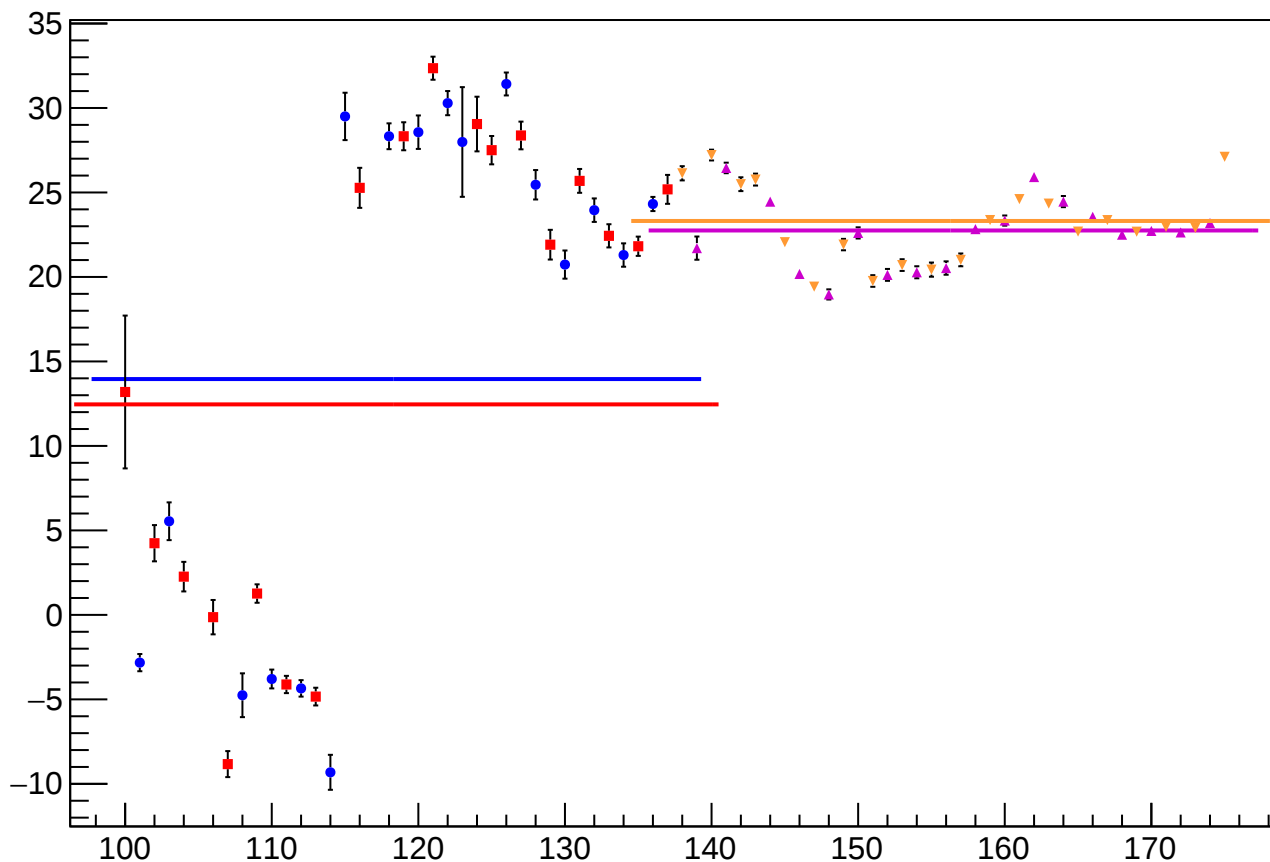
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 27.104 $\pm$ 0.073 χ^2 /NDF: 6749.1/34

Out: 27.266 $\pm$ 0.071 χ^2 /NDF: 7305.6/38

All: 27.188 $\pm$ 0.051 χ^2 /NDF: 14057.3/73

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 23.313 $\pm$ 0.062 χ^2 /NDF:1112.2/19

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.751 $\pm$ 0.065 χ^2 /NDF:812.5/17

Left: 23.042 $\pm$ 0.045 χ^2 /NDF: 1963.9/37

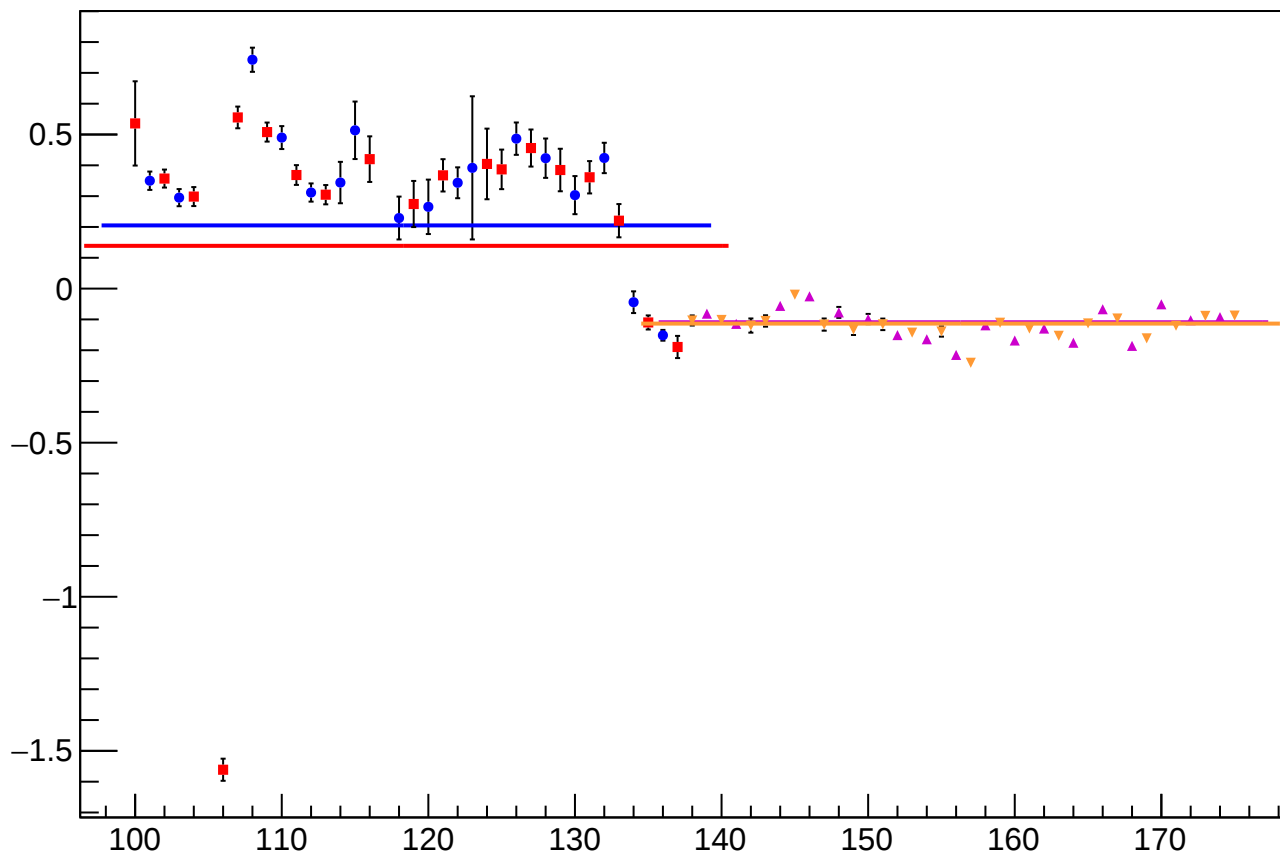
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.663 $\pm$ 0.061 χ^2 /NDF:10443.7/34

Out: 22.070 $\pm$ 0.059 χ^2 /NDF:11553.7/38

All: 21.873 $\pm$ 0.042 χ^2 /NDF: 22020.6/73

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.114 ± 0.003 χ^2/NDF : 216.2/19

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.109 ± 0.003 χ^2/NDF : 289.2/17

Left: -0.111 ± 0.002 χ^2/NDF : 506.6/37

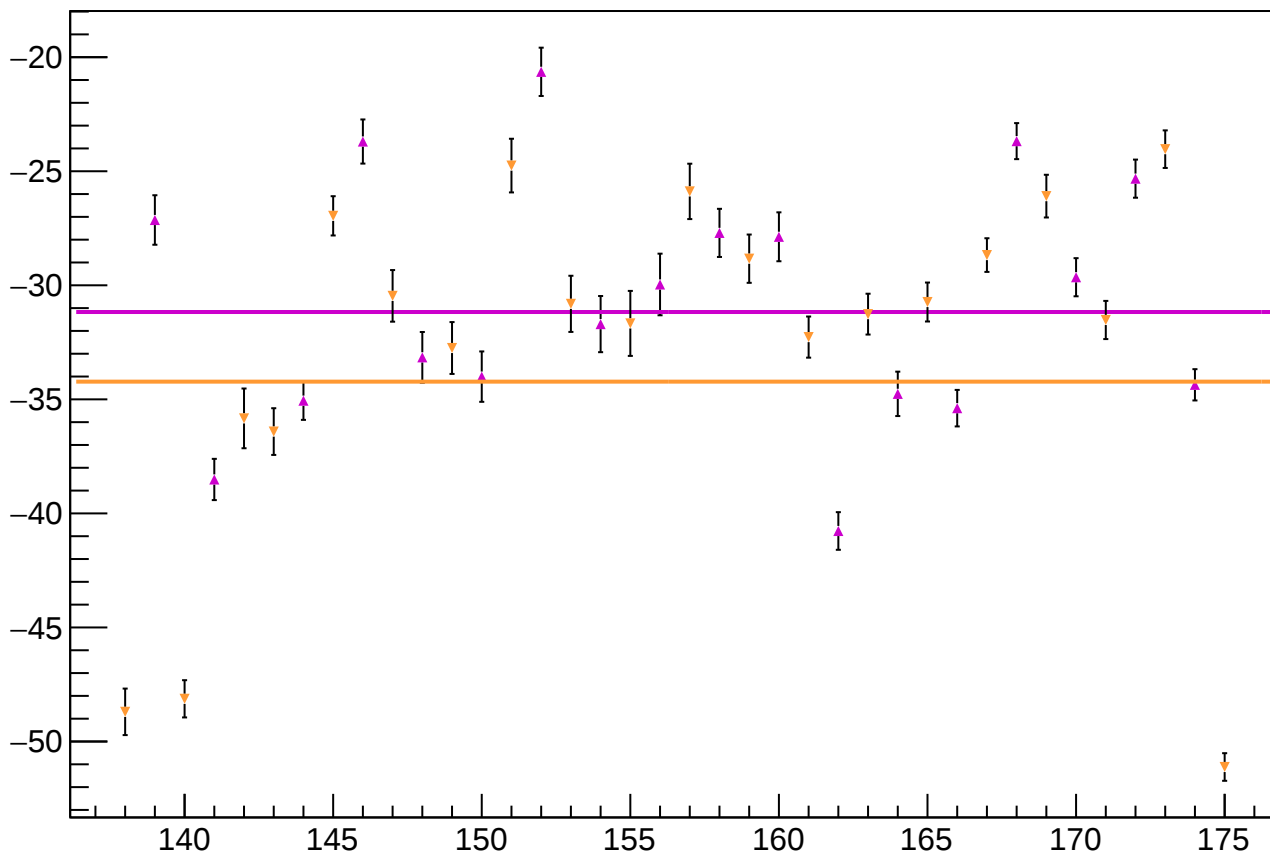
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.081 ± 0.003 χ^2/NDF : 2158.4/34

Out: -0.091 ± 0.003 χ^2/NDF : 3918.1/38

All: -0.086 ± 0.002 χ^2/NDF : 6083.2/73

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



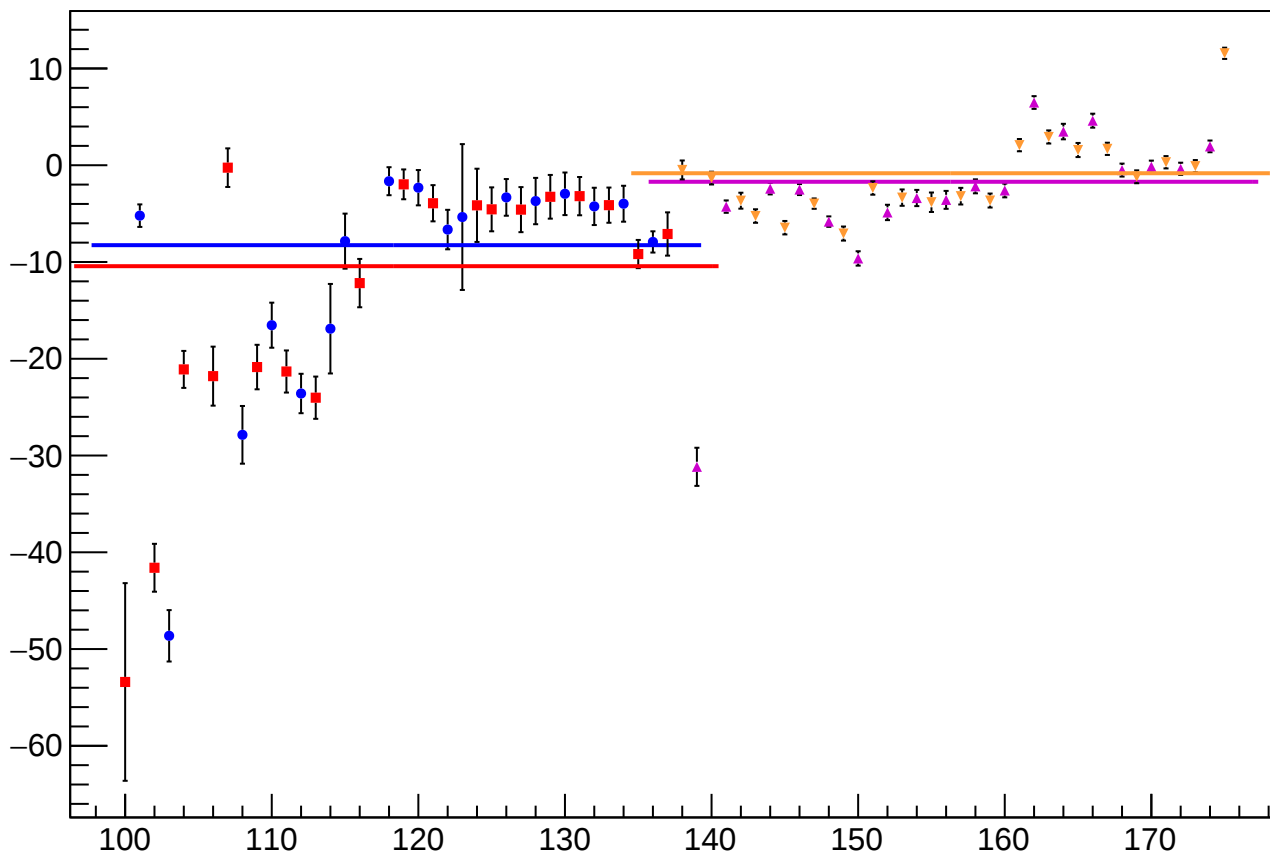
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.224 $\pm$ 0.209 χ^2/NDF :1837.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -31.171 $\pm$ 0.220 χ^2/NDF :631.2/17

Left: -32.770 $\pm$ 0.152 χ^2/NDF : 2570.3/37
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -31.171 $\pm$ 0.220 χ^2/NDF :631.2/17
 Out: -34.224 $\pm$ 0.209 χ^2/NDF :1837.8/19

All: -32.770 $\pm$ 0.152 χ^2/NDF : 2570.3/37

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -0.827 ± 0.156 $\chi^2/\text{NDF}: 809.0/19$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -1.710 ± 0.163 $\chi^2/\text{NDF}: 763.9/17$

Left: -1.249 ± 0.113 $\chi^2/\text{NDF}: 1588.3/37$

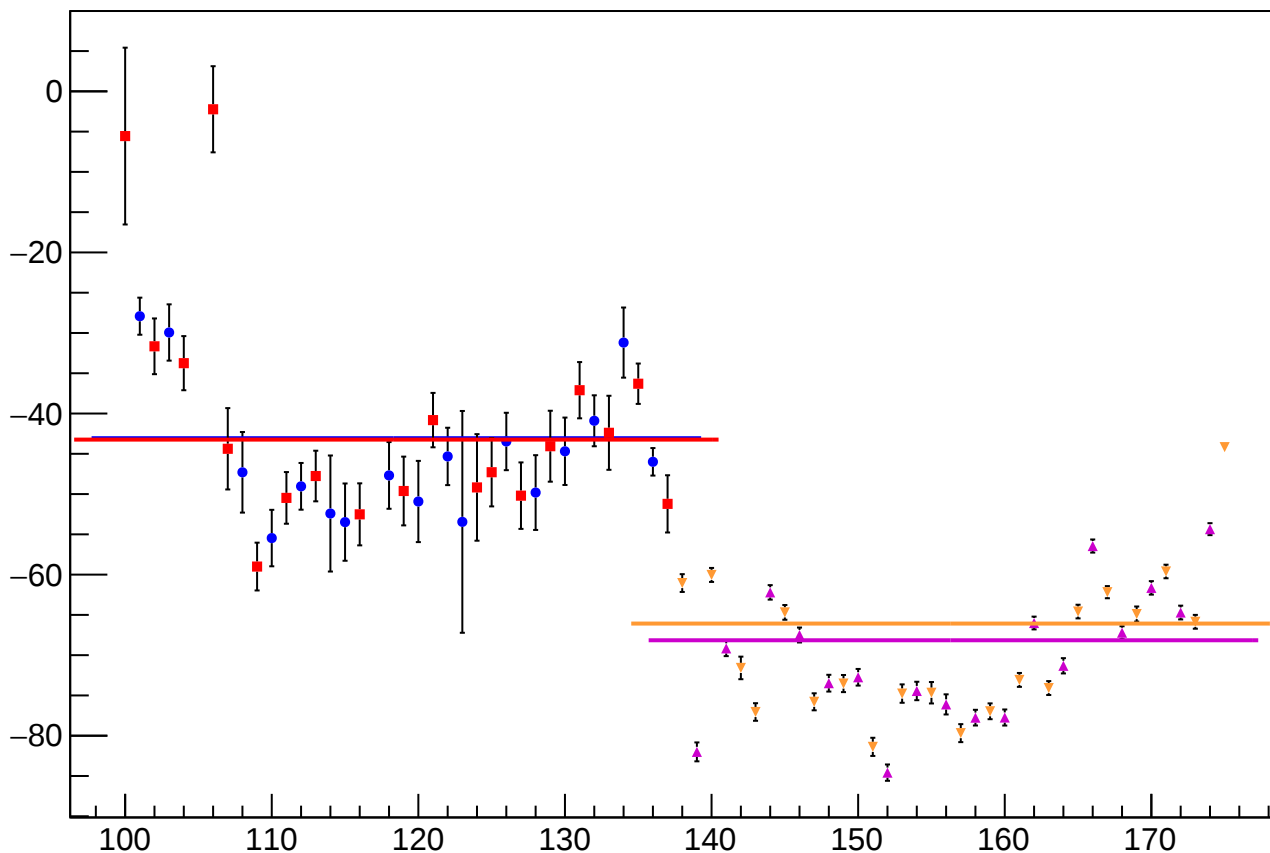
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -2.433 ± 0.154 $\chi^2/\text{NDF}: 1354.2/34$

Out: -1.706 ± 0.148 $\chi^2/\text{NDF}: 1586.0/38$

All: -2.057 ± 0.107 $\chi^2/\text{NDF}: 2951.8/73$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -66.077 ± 0.209 $\chi^2/\text{NDF}: 2427.7/19$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -68.150 ± 0.219 $\chi^2/\text{NDF}: 1401.3/17$

Left: -67.066 ± 0.151 $\chi^2/\text{NDF}: 3876.0/37$

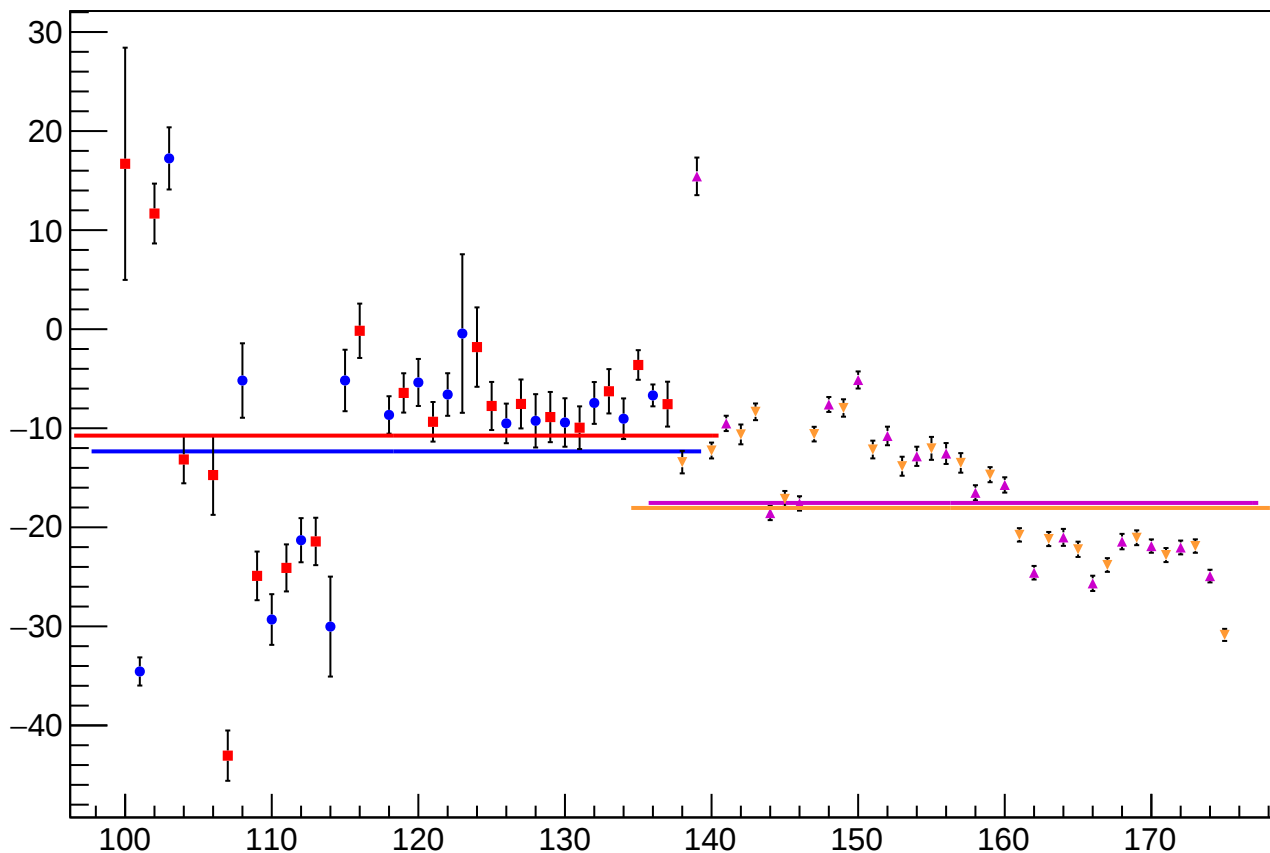
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -66.539 ± 0.212 $\chi^2/\text{NDF}: 2344.4/34$

Out: -64.820 ± 0.203 $\chi^2/\text{NDF}: 3239.1/38$

All: -65.644 ± 0.147 $\chi^2/\text{NDF}: 5617.8/73$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -18.047 ± 0.177 $\chi^2/\text{NDF}: 1290.9/19$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -17.540 ± 0.186 $\chi^2/\text{NDF}: 1370.0/17$

Left: -17.805 ± 0.128 $\chi^2/\text{NDF}: 2664.7/37$

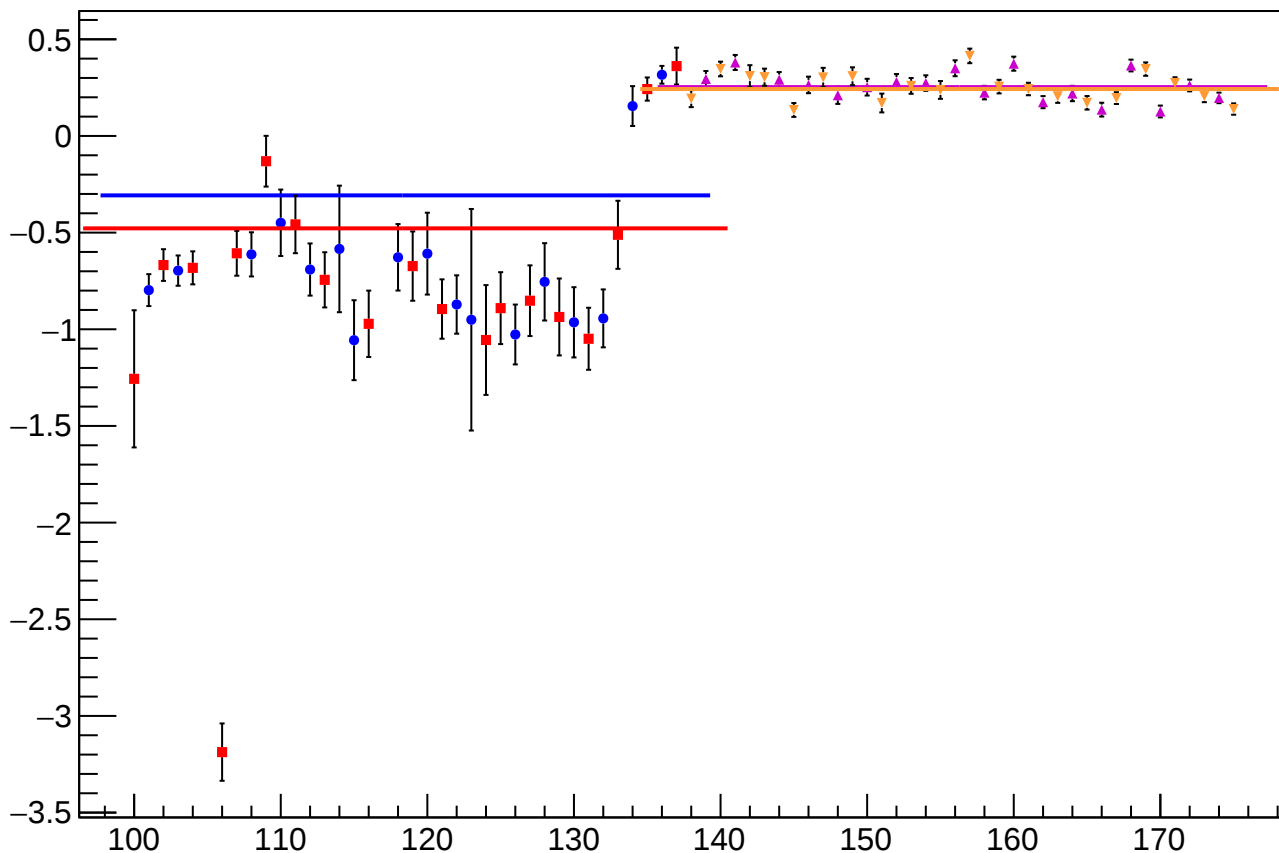
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -16.950 ± 0.175 $\chi^2/\text{NDF}: 1933.8/34$

Out: -17.366 ± 0.169 $\chi^2/\text{NDF}: 1815.9/38$

All: -17.165 ± 0.122 $\chi^2/\text{NDF}: 3752.6/73$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 $\pm$ 0.028 χ^2/NDF : 372.2/16

Left Out: 0.243 $\pm$ 0.008 χ^2/NDF : 79.4/19

Right Out: -0.478 $\pm$ 0.029 χ^2/NDF : 631.3/18

Left In: 0.253 $\pm$ 0.008 χ^2/NDF : 84.0/17

Left: 0.248 $\pm$ 0.006 χ^2/NDF : 164.1/37

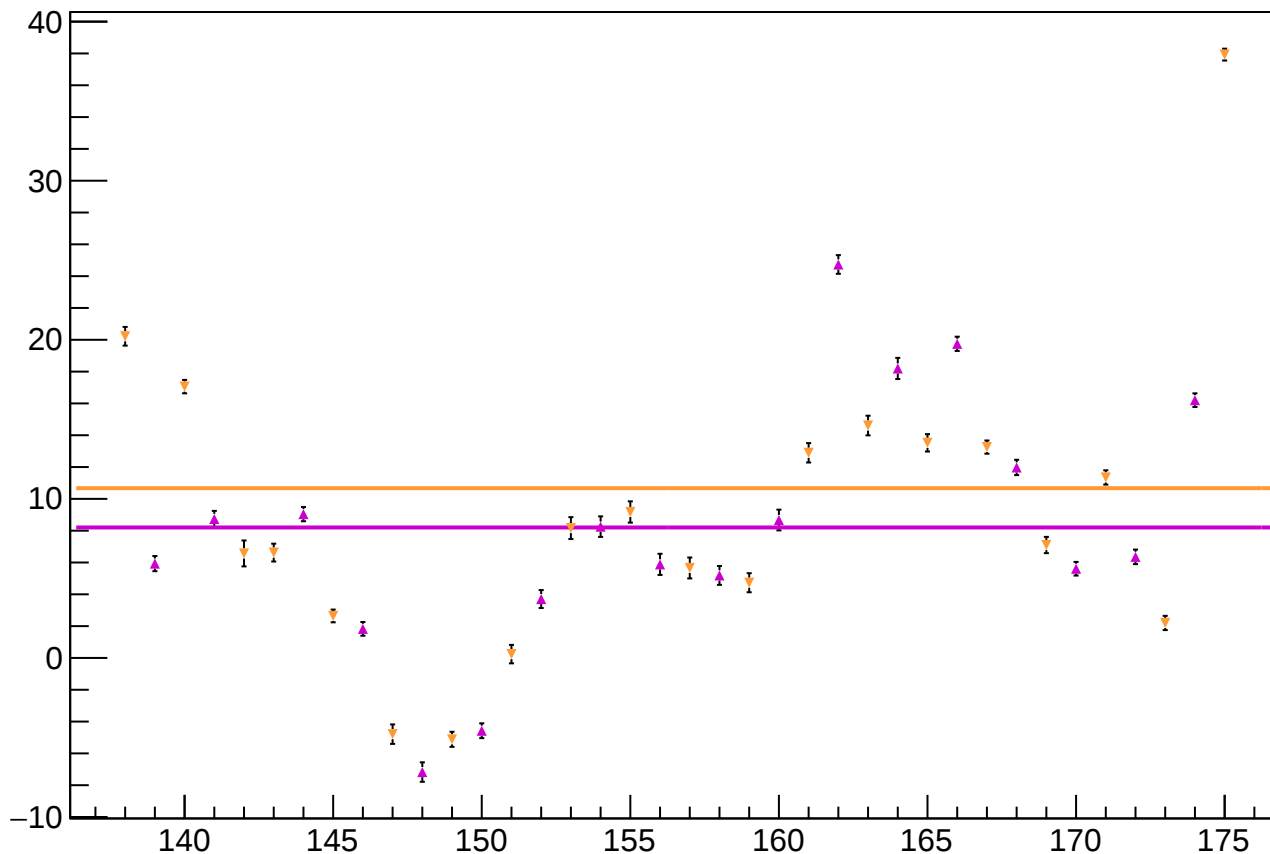
Right: -0.390 $\pm$ 0.020 χ^2/NDF : 1022.0/35

In: 0.204 $\pm$ 0.008 χ^2/NDF : 834.1/34

Out: 0.187 $\pm$ 0.008 χ^2/NDF : 1299.5/38

All: 0.195 $\pm$ 0.006 χ^2/NDF : 2136.0/73

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.671+/-0.116 χ^2/NDF :9095.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.202+/-0.120 χ^2/NDF :3875.1/17

Left: 9.483+/-0.084 χ^2/NDF : 13188.9/37

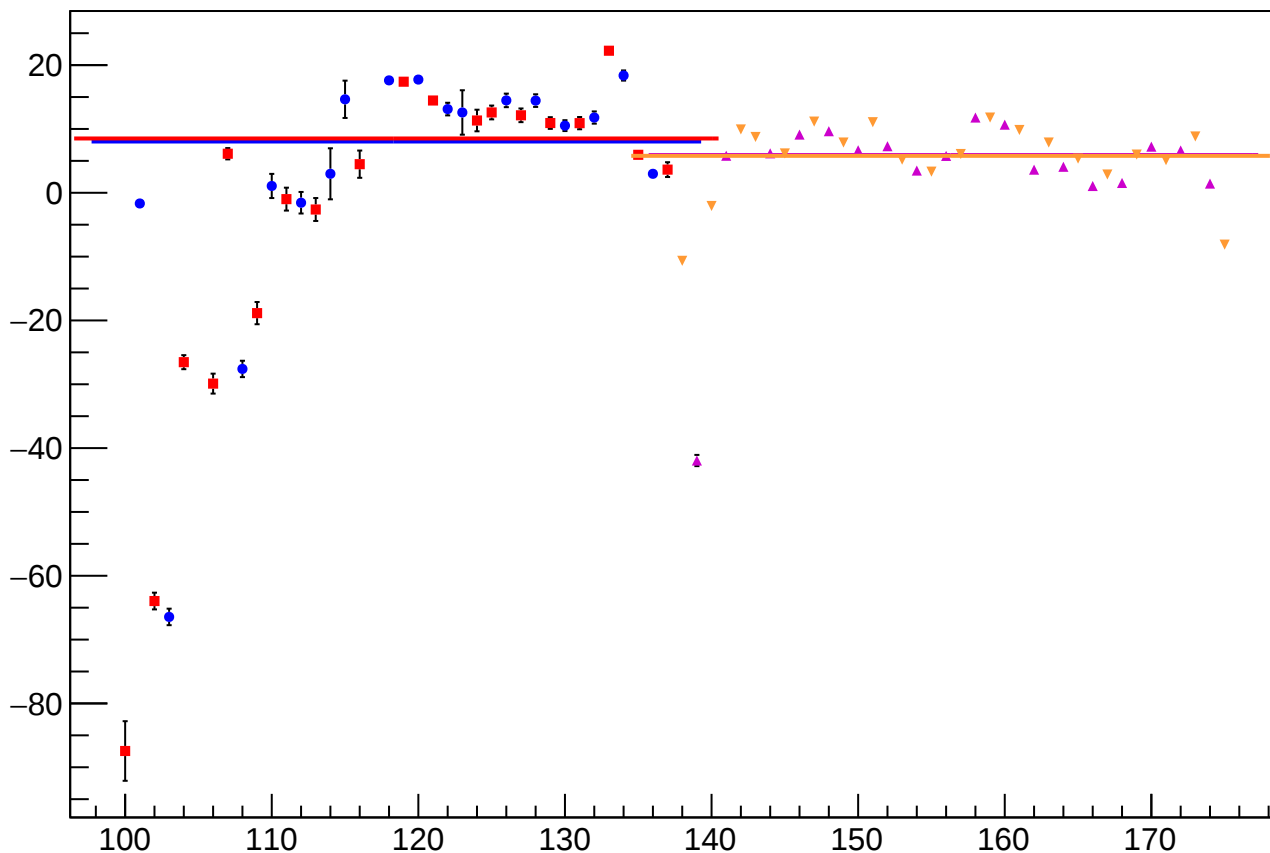
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.202+/-0.120 χ^2/NDF :3875.1/17

Out: 10.671+/-0.116 χ^2/NDF :9095.7/19

All: 9.483+/-0.084 χ^2/NDF : 13188.9/37

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 5.788 ± 0.086 $\chi^2/\text{NDF}: 4012.0/19$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 5.920 ± 0.090 $\chi^2/\text{NDF}: 4074.6/17$

Left: 5.851 ± 0.062 $\chi^2/\text{NDF}: 8087.8/37$

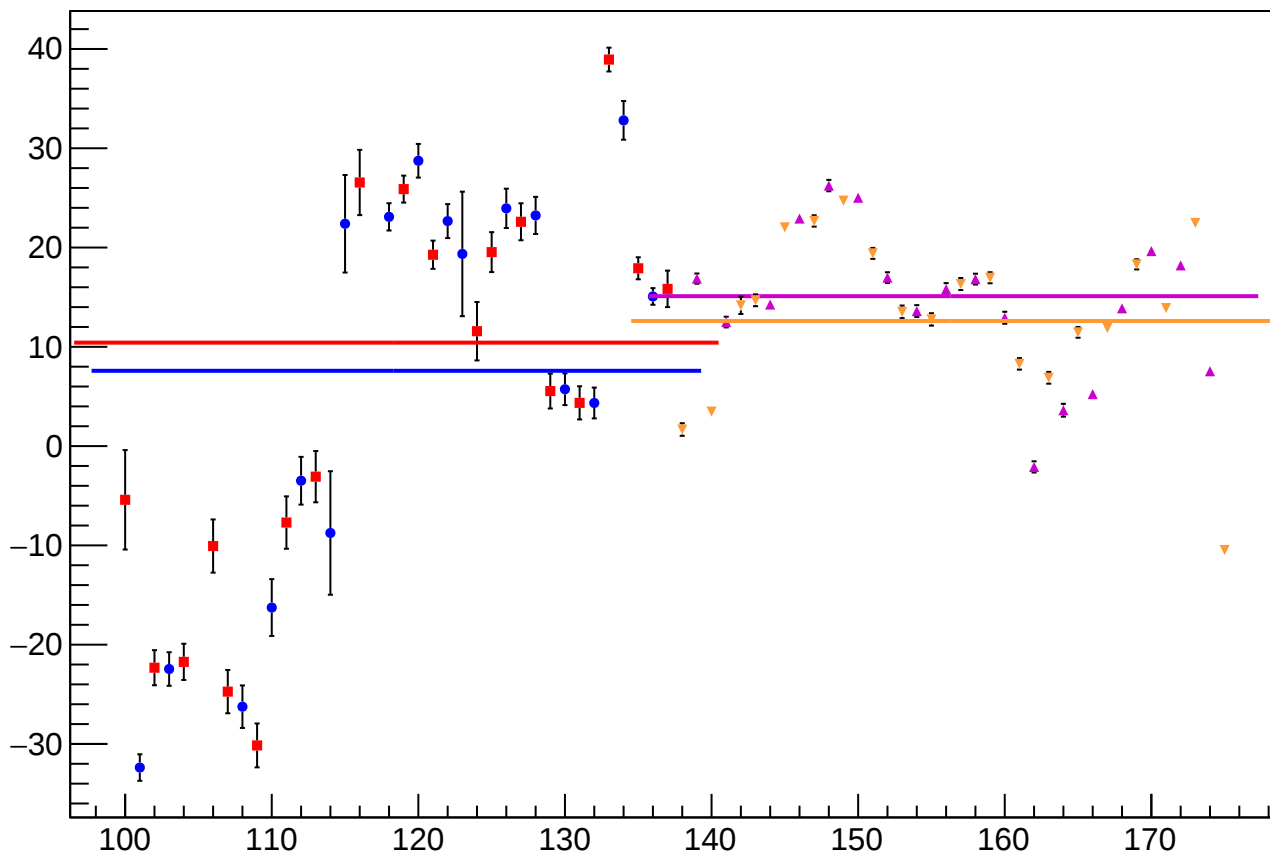
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 6.233 ± 0.083 $\chi^2/\text{NDF}: 9527.1/34$

Out: 6.169 ± 0.080 $\chi^2/\text{NDF}: 10865.7/38$

All: 6.200 ± 0.057 $\chi^2/\text{NDF}: 20393.2/73$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 12.604 ± 0.116 $\chi^2/\text{NDF}: 7099.2/19$

Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$

Left In: 15.102 ± 0.120 $\chi^2/\text{NDF}: 3463.8/17$

Left: 13.810 ± 0.083 $\chi^2/\text{NDF}: 10787.9/37$

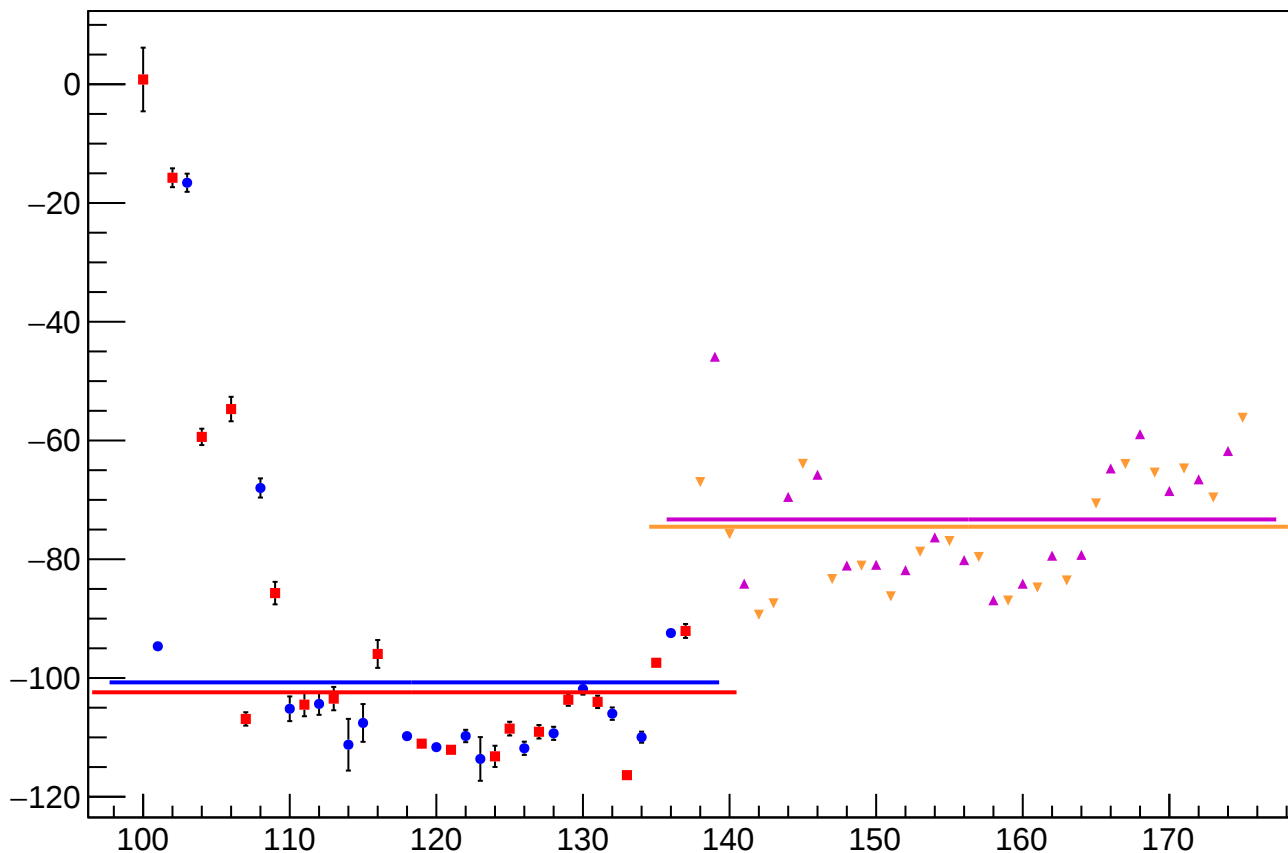
Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$

In: 14.527 ± 0.115 $\chi^2/\text{NDF}: 6087.7/34$

Out: 12.447 ± 0.112 $\chi^2/\text{NDF}: 9414.3/38$

All: 13.454 ± 0.080 $\chi^2/\text{NDF}: 15670.2/73$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -74.525 ± 0.098 χ^2/NDF : 10095.2/19

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -73.293 ± 0.103 χ^2/NDF : 7940.4/17

Left: -73.935 ± 0.071 χ^2/NDF : 18110.5/37

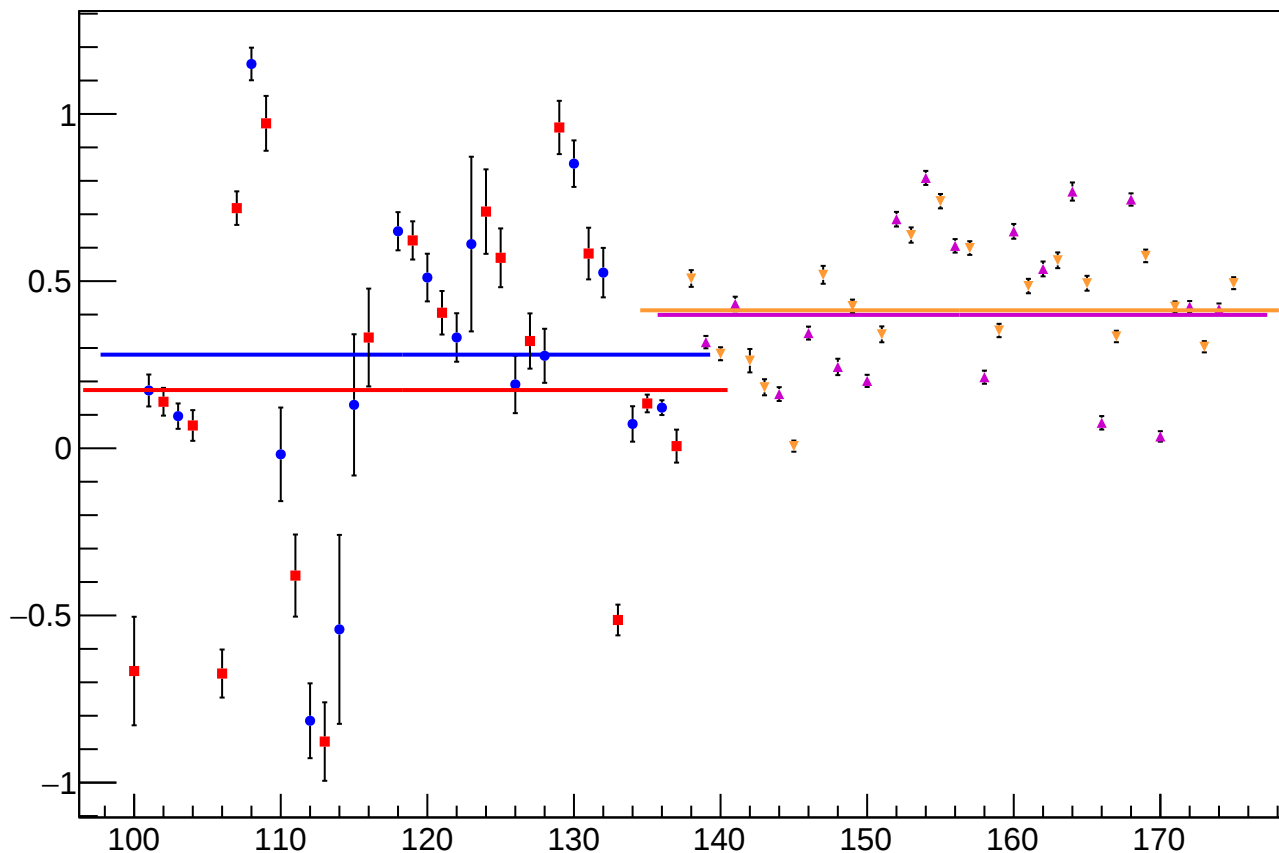
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -77.306 ± 0.095 χ^2/NDF : 22889.4/34

Out: -78.381 ± 0.091 χ^2/NDF : 27266.6/38

All: -77.864 ± 0.066 χ^2/NDF : 50222.5/73

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.413 ± 0.005 χ^2/NDF : 1430.1/19

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.399 ± 0.005 χ^2/NDF : 2564.9/17

Left: 0.406 ± 0.003 χ^2/NDF : 3999.5/37

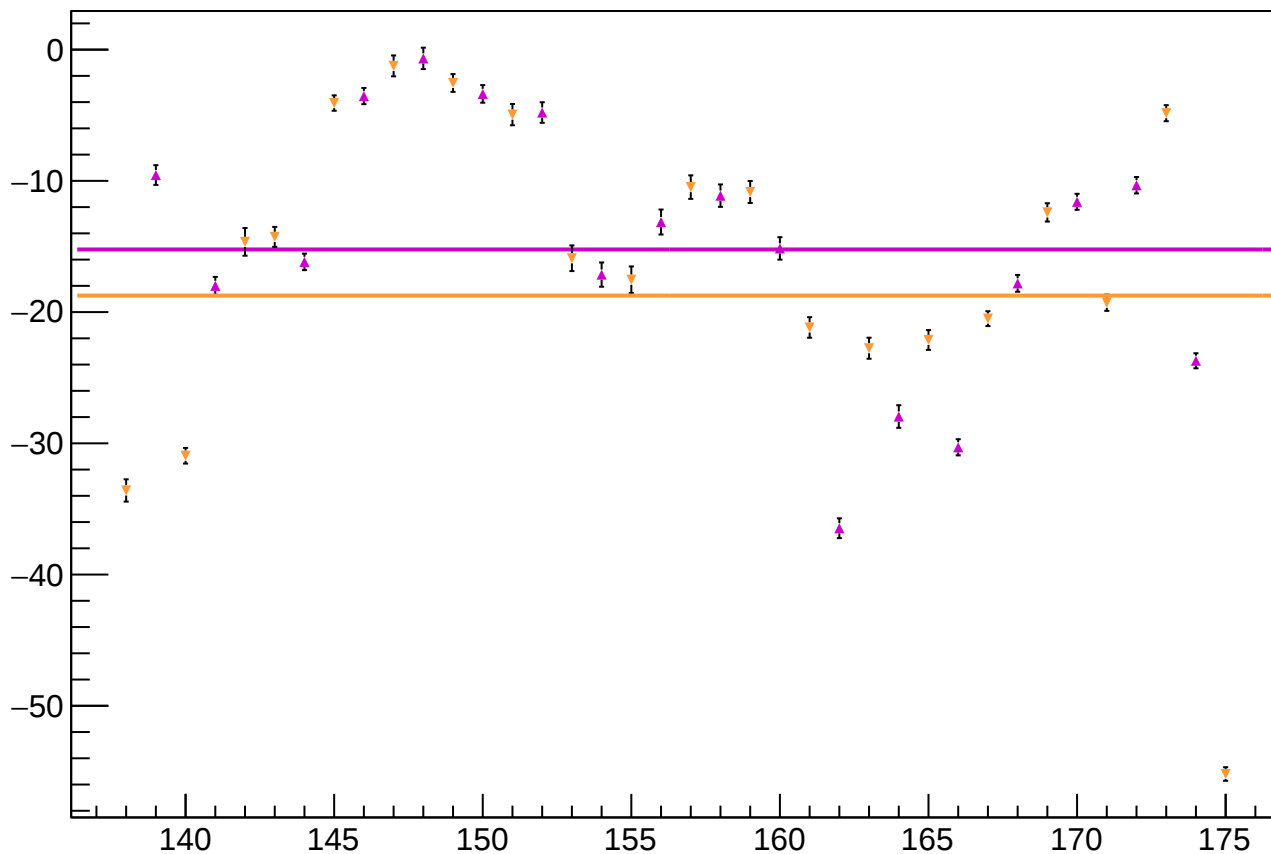
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.386 ± 0.004 χ^2/NDF : 3290.9/34

Out: 0.388 ± 0.004 χ^2/NDF : 2676.7/38

All: 0.387 ± 0.003 χ^2/NDF : 5967.7/73

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.742+/-0.161 χ^2/NDF :8539.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.228+/-0.167 χ^2/NDF :3213.7/17

Left: -17.053+/-0.116 χ^2/NDF : 11983.6/37

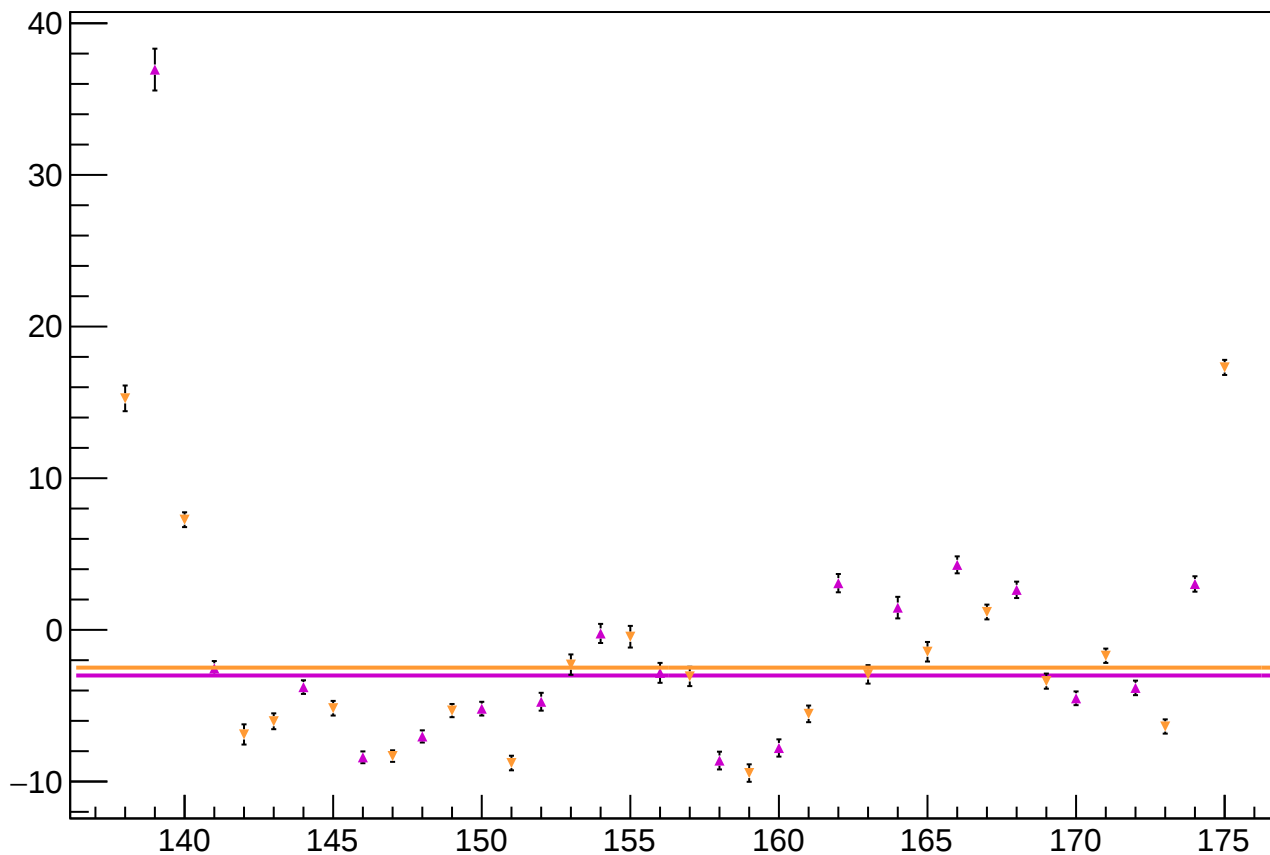
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.228+/-0.167 χ^2/NDF :3213.7/17

Out: -18.742+/-0.161 χ^2/NDF :8539.5/19

All: -17.053+/-0.116 χ^2/NDF : 11983.6/37

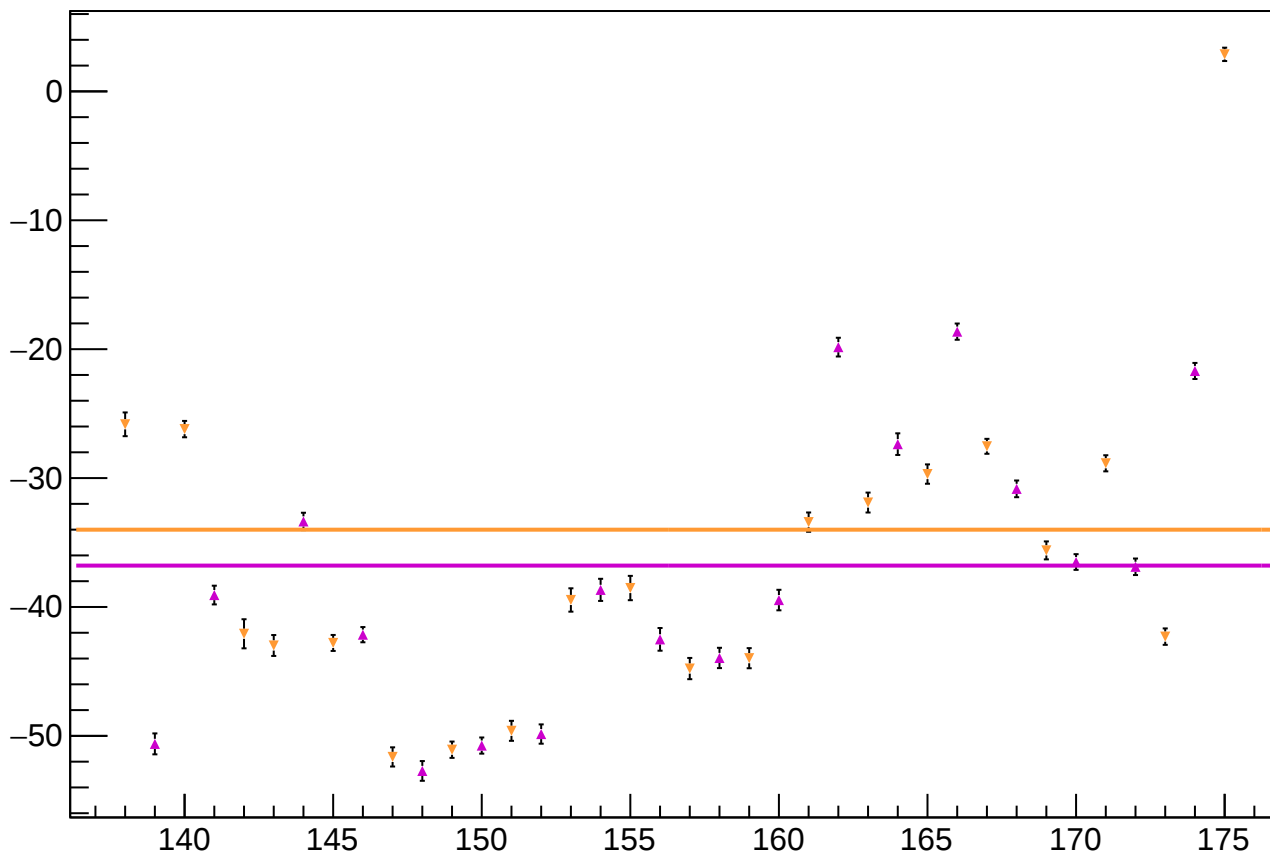
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -2.490 ± 0.118 χ^2/NDF : 3304.2/19
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -3.009 ± 0.124 χ^2/NDF : 1924.4/17

Left: -2.738 ± 0.085 χ^2/NDF : 5237.7/37
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -3.009 ± 0.124 χ^2/NDF : 1924.4/17
 Out: -2.490 ± 0.118 χ^2/NDF : 3304.2/19
 All: -2.738 ± 0.085 χ^2/NDF : 5237.7/37

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -34.003 ± 0.160 χ^2/NDF : 8160.5/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -36.789 ± 0.166 χ^2/NDF : 3955.4/17

Left: -35.345 ± 0.115 χ^2/NDF : 12261.8/37

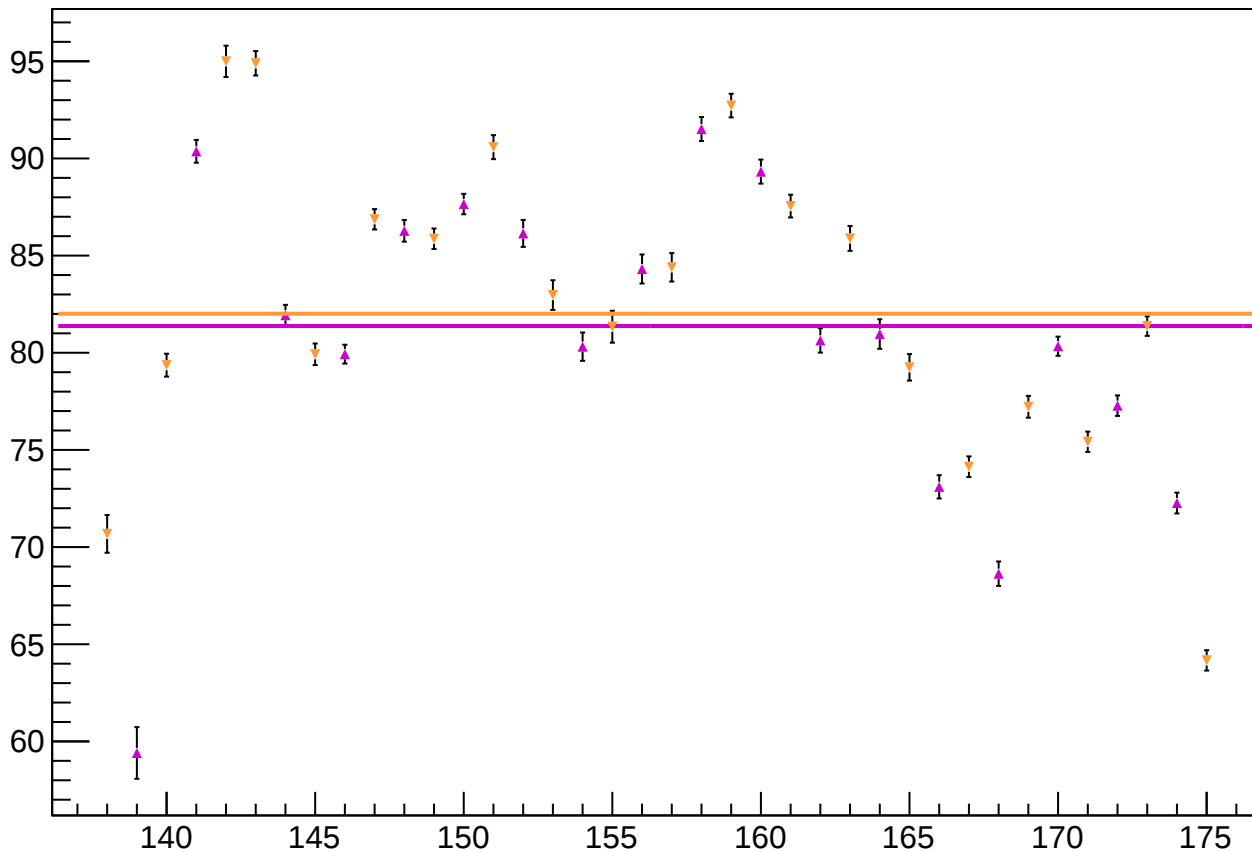
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -36.789 ± 0.166 χ^2/NDF : 3955.4/17

Out: -34.003 ± 0.160 χ^2/NDF : 8160.5/19

All: -35.345 ± 0.115 χ^2/NDF : 12261.8/37

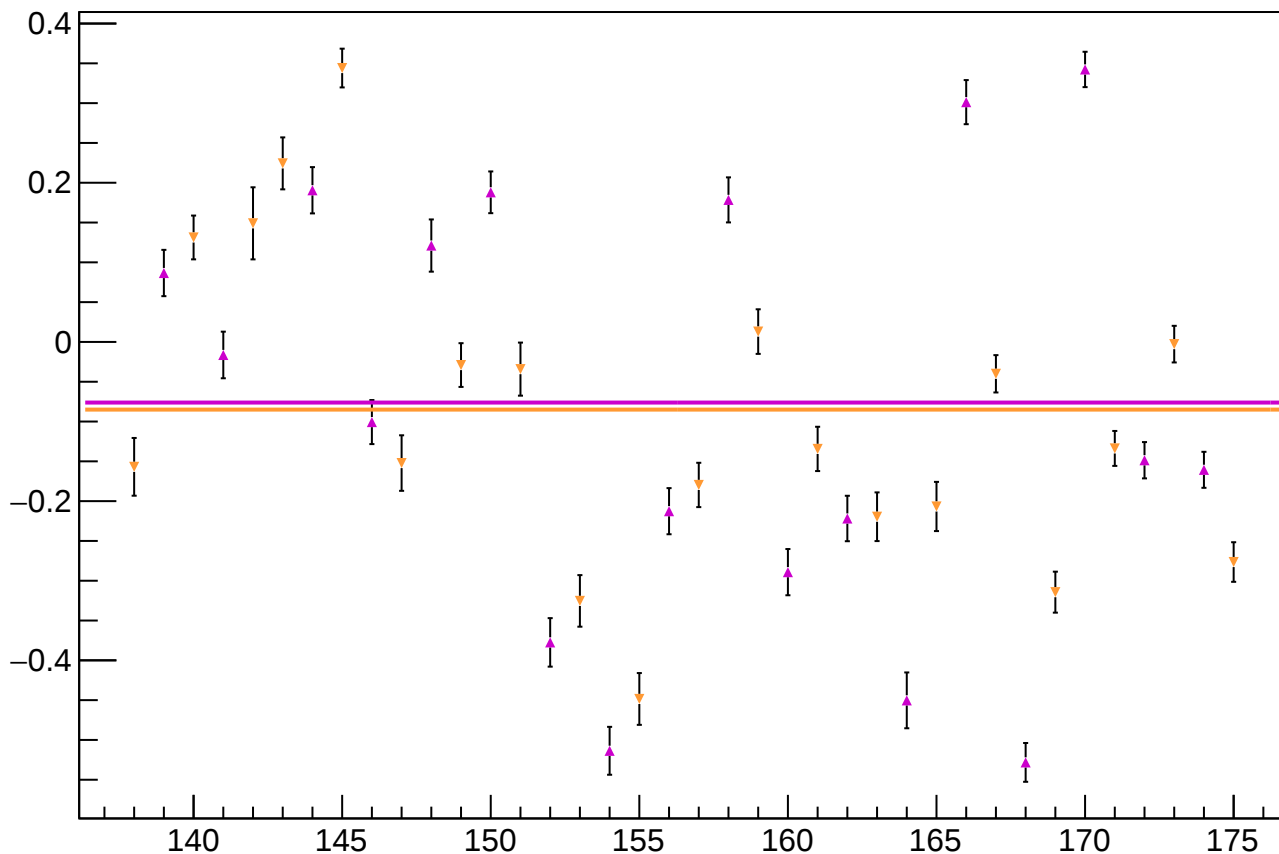
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 82.008 $\pm$ 0.136 χ^2/NDF :3263.4/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 81.377 $\pm$ 0.142 χ^2/NDF :2195.3/17

Left: 81.706 $\pm$ 0.098 χ^2/NDF : 5469.0/37
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 81.377 $\pm$ 0.142 χ^2/NDF :2195.3/17
 Out: 82.008 $\pm$ 0.136 χ^2/NDF :3263.4/19
 All: 81.706 $\pm$ 0.098 χ^2/NDF : 5469.0/37

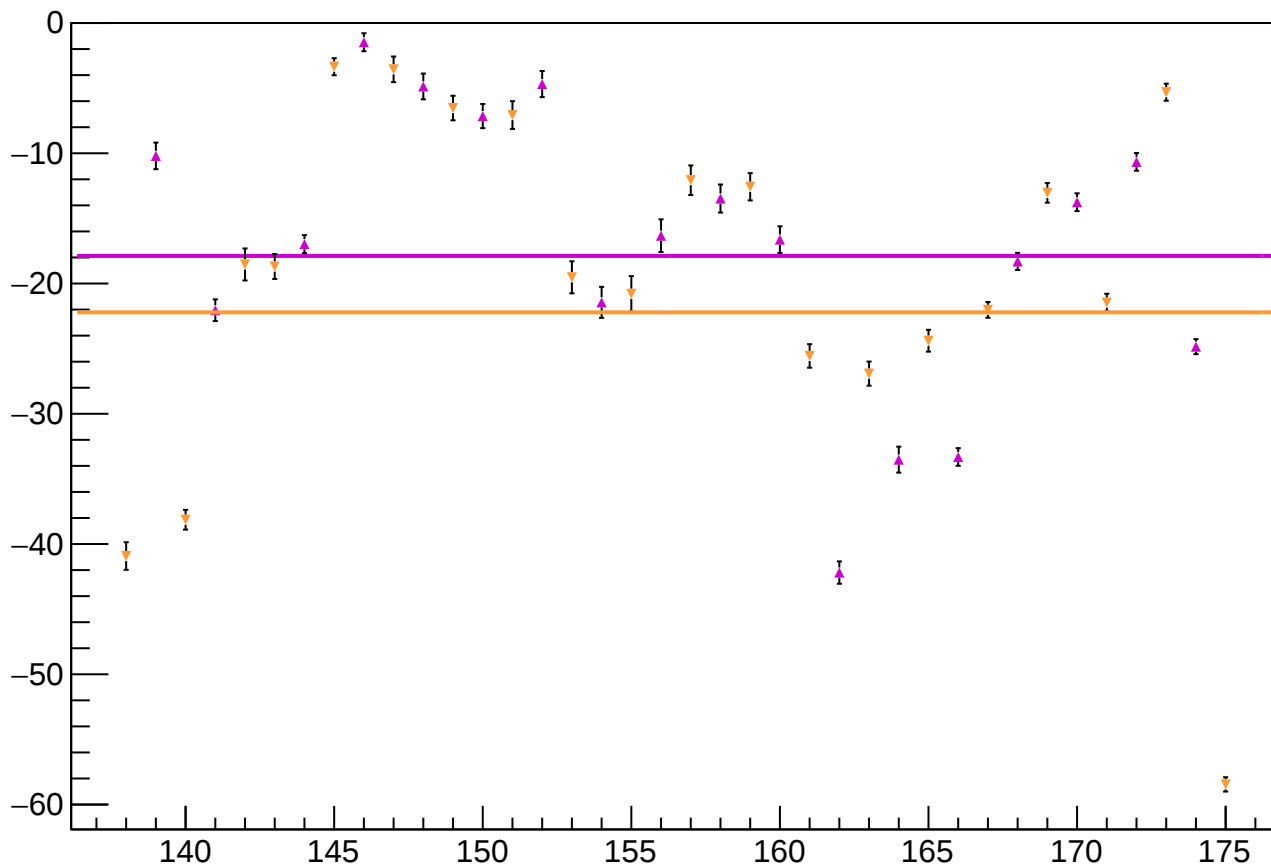
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.085+/-0.006 χ^2/NDF : 904.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.076+/-0.006 χ^2/NDF : 1772.6/17

Left: -0.081+/-0.005 χ^2/NDF : 2678.5/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.076+/-0.006 χ^2/NDF : 1772.6/17
 Out: -0.085+/-0.006 χ^2/NDF : 904.9/19
 All: -0.081+/-0.005 χ^2/NDF : 2678.5/37

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.212+/-0.186 χ^2/NDF : 7833.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.881+/-0.192 χ^2/NDF : 3018.8/17

Left: -20.113+/-0.134 χ^2/NDF : 11114.3/37

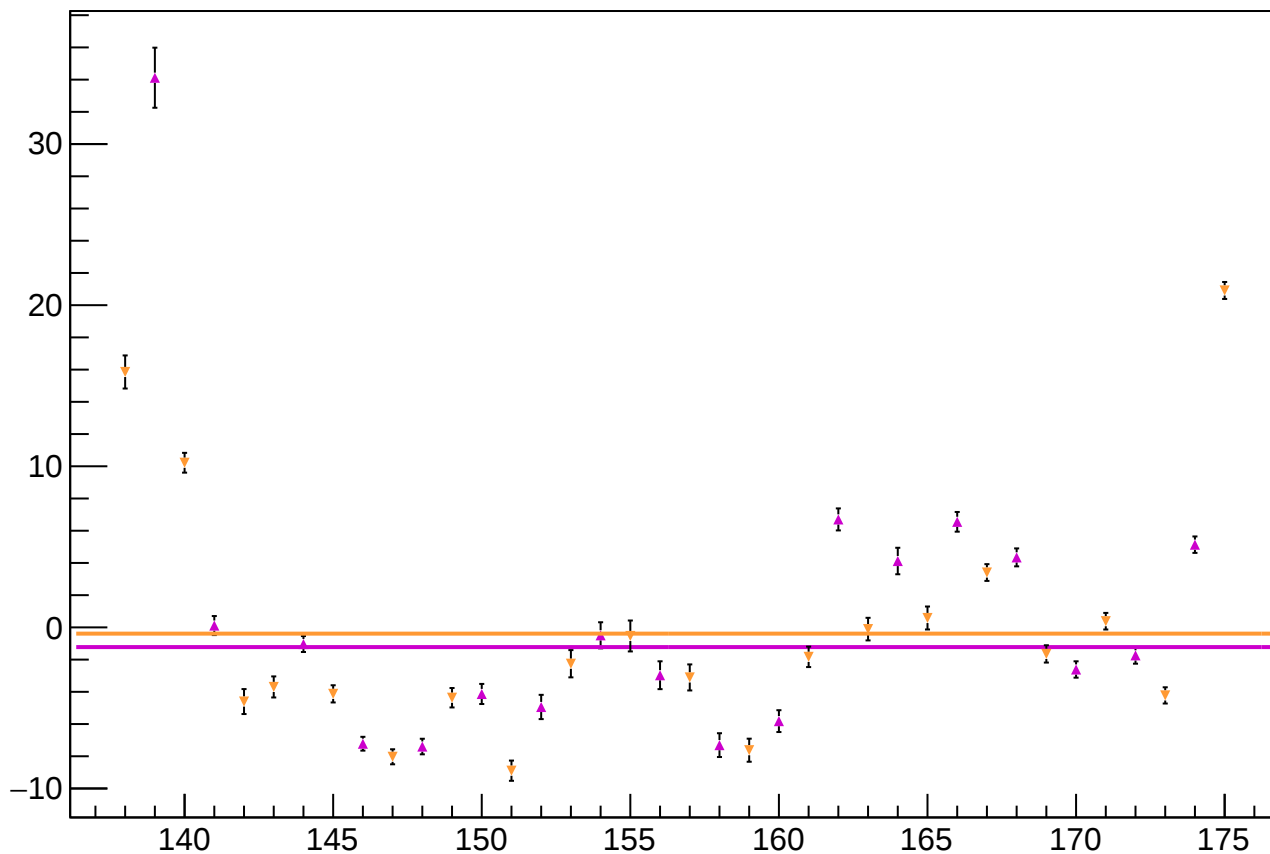
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.881+/-0.192 χ^2/NDF : 3018.8/17

Out: -22.212+/-0.186 χ^2/NDF : 7833.7/19

All: -20.113+/-0.134 χ^2/NDF : 11114.3/37

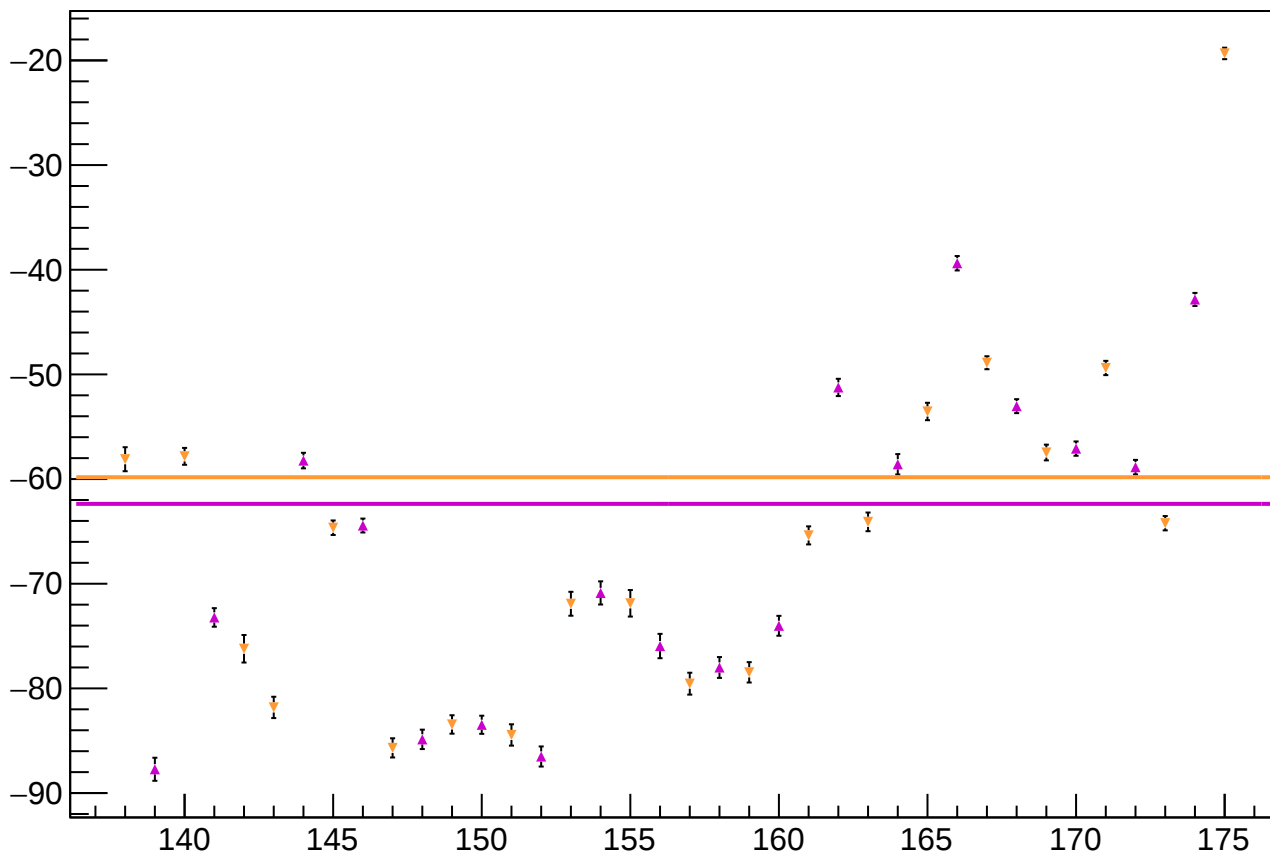
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.388+/-0.139 χ^2/NDF :3028.8/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.223+/-0.143 χ^2/NDF :1490.4/17

Left: -0.794+/-0.099 χ^2/NDF : 4536.9/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.223+/-0.143 χ^2/NDF :1490.4/17
 Out: -0.388+/-0.139 χ^2/NDF :3028.8/19
 All: -0.794+/-0.099 χ^2/NDF : 4536.9/37

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.825+/-0.187 χ^2/NDF : 9839.8/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.370+/-0.192 χ^2/NDF : 5689.8/17

Left: -61.060+/-0.134 χ^2/NDF : 15619.9/37

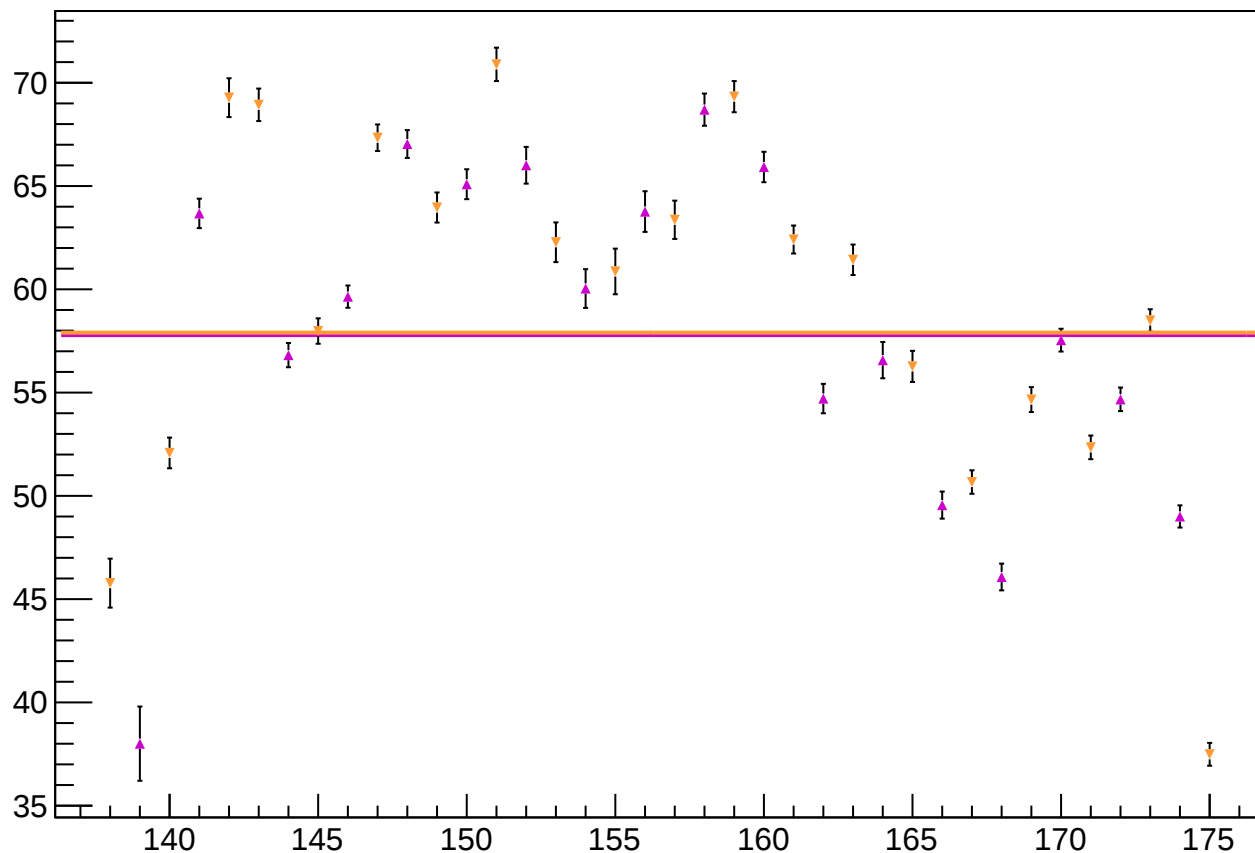
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.370+/-0.192 χ^2/NDF : 5689.8/17

Out: -59.825+/-0.187 χ^2/NDF : 9839.8/19

All: -61.060+/-0.134 χ^2/NDF : 15619.9/37

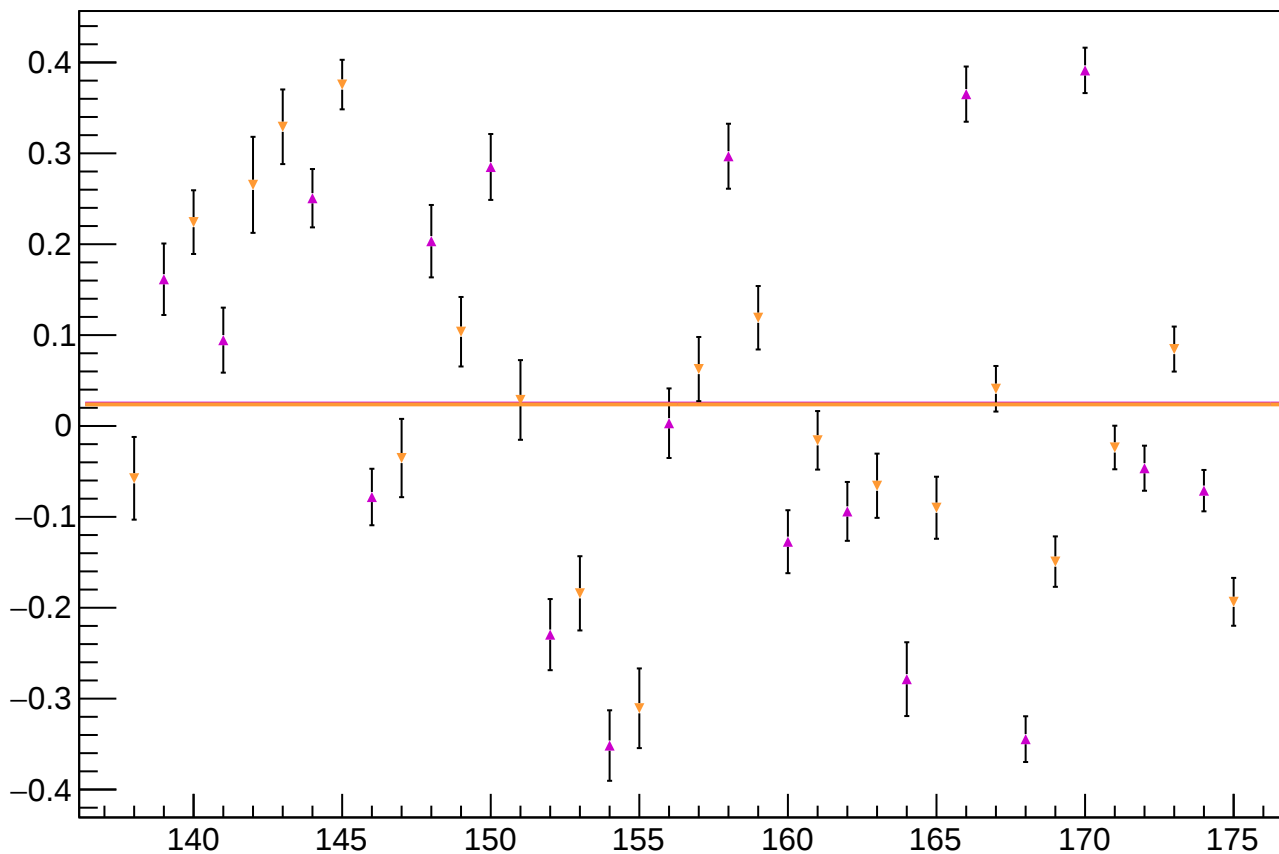
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 57.903+/-0.158 χ^2/NDF :3063.2/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 57.784+/-0.163 χ^2/NDF :1742.5/17

Left: 57.846+/-0.114 χ^2/NDF : 4806.0/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 57.784+/-0.163 χ^2/NDF :1742.5/17
 Out: 57.903+/-0.158 χ^2/NDF :3063.2/19
 All: 57.846+/-0.114 χ^2/NDF : 4806.0/37

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.024 $\pm$ 0.007 χ^2 /NDF:514.3/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.025 $\pm$ 0.007 χ^2 /NDF:1013.2/17

Left: 0.024 $\pm$ 0.005 χ^2 /NDF: 1527.5/37

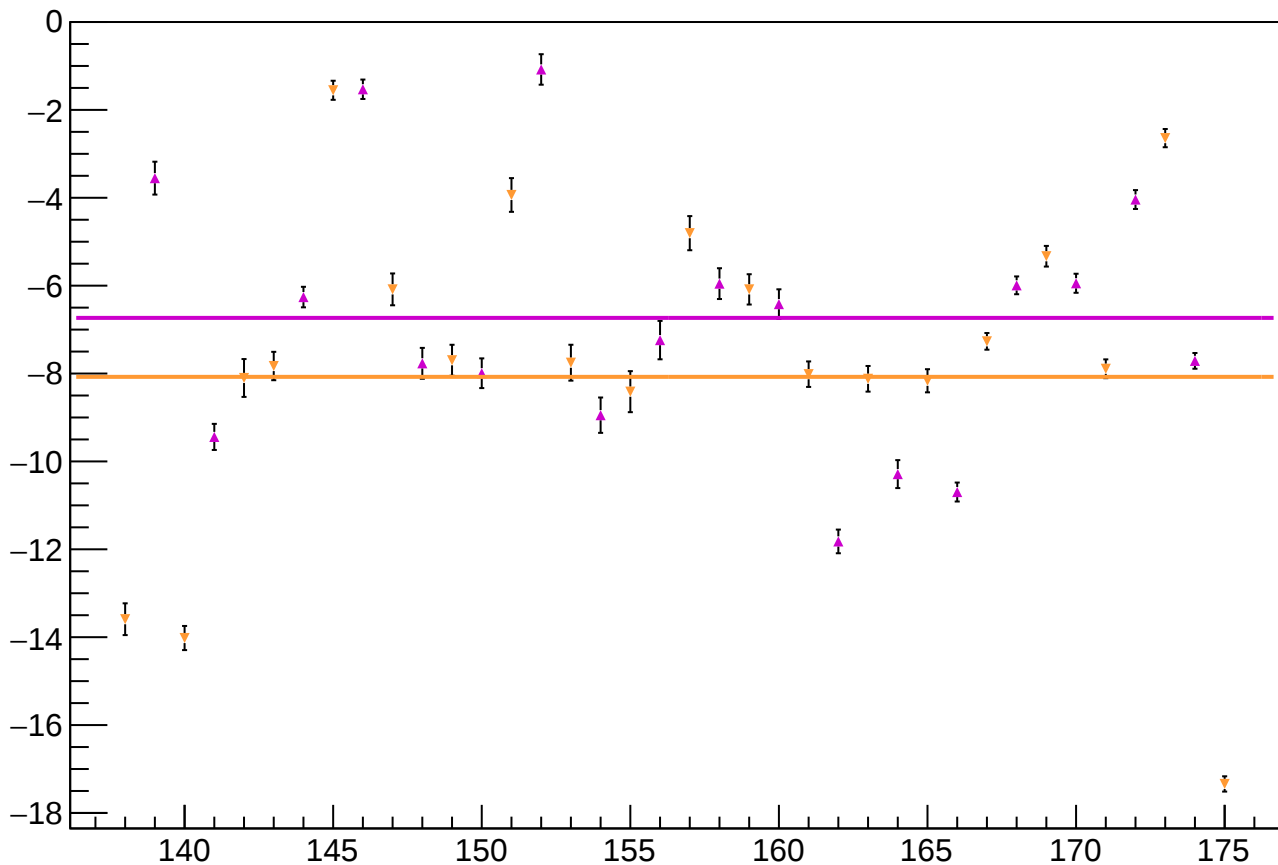
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.025 $\pm$ 0.007 χ^2 /NDF:1013.2/17

Out: 0.024 $\pm$ 0.007 χ^2 /NDF:514.3/19

All: 0.024 $\pm$ 0.005 χ^2 /NDF: 1527.5/37

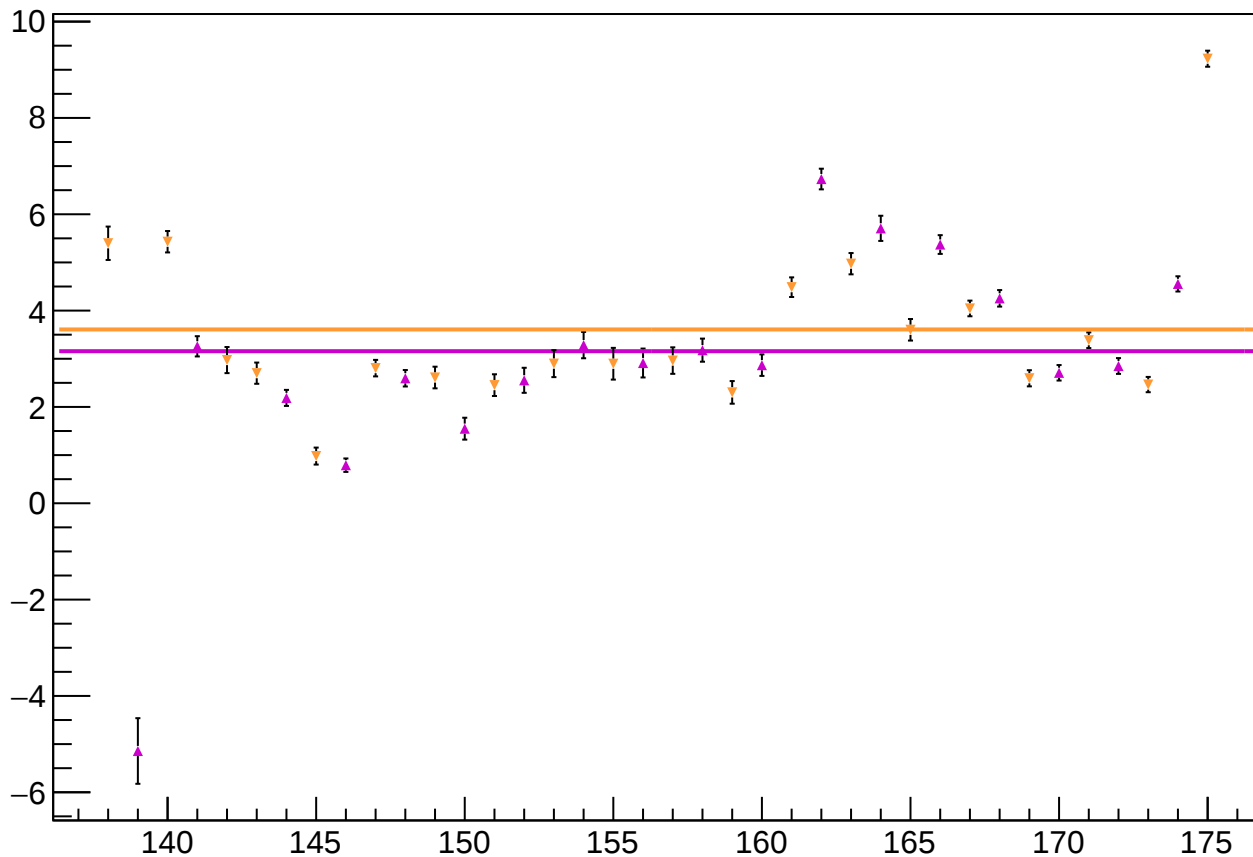
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.075+/-0.061 χ^2/NDF :5534.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.733+/-0.063 χ^2/NDF :2072.2/17

Left: -7.421+/-0.044 χ^2/NDF : 7841.3/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.733+/-0.063 χ^2/NDF :2072.2/17
 Out: -8.075+/-0.061 χ^2/NDF :5534.3/19
 All: -7.421+/-0.044 χ^2/NDF : 7841.3/37

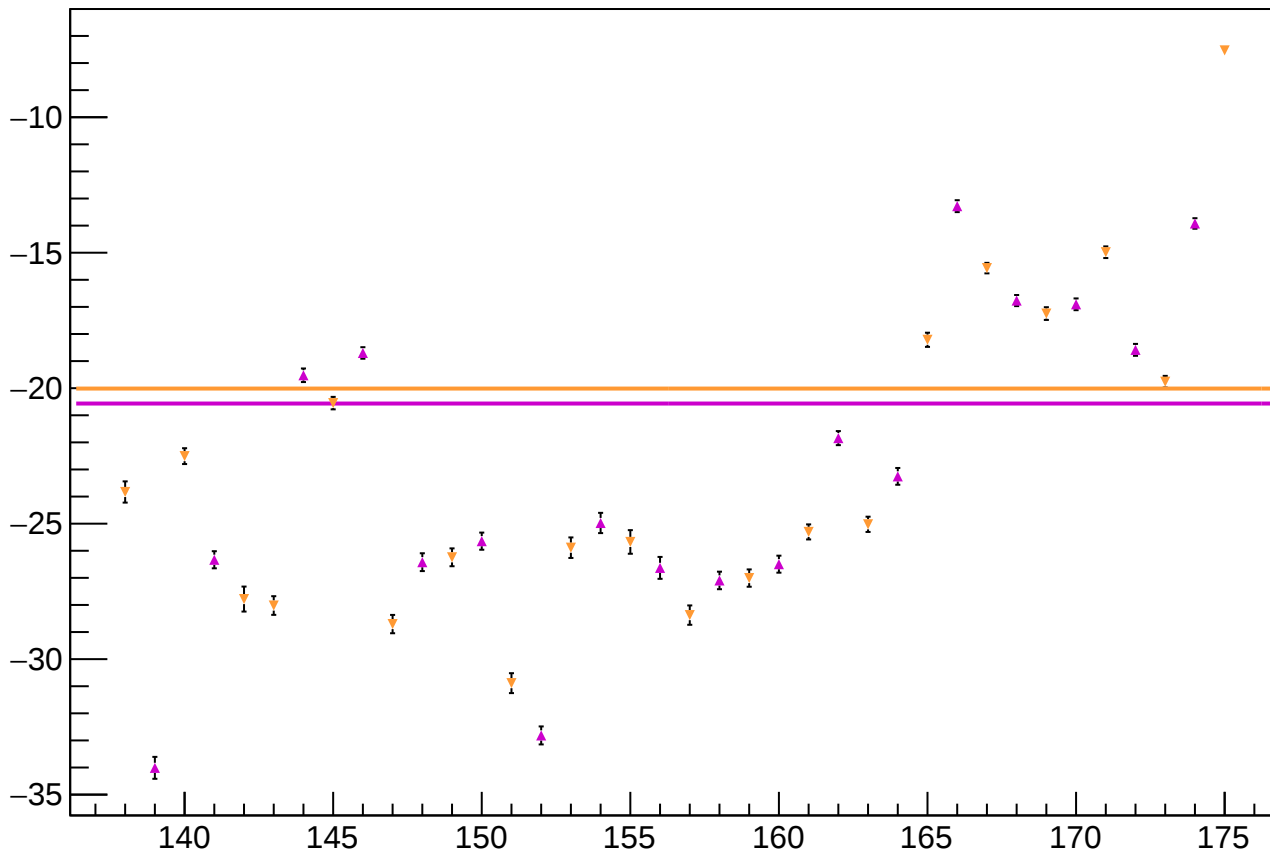
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.608 $\pm$ 0.046 χ^2 /NDF:1744.1/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.157 $\pm$ 0.047 χ^2 /NDF:1171.4/17

Left: 3.387 $\pm$ 0.033 χ^2 /NDF: 2962.7/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.157 $\pm$ 0.047 χ^2 /NDF:1171.4/17
 Out: 3.608 $\pm$ 0.046 χ^2 /NDF:1744.1/19
 All: 3.387 $\pm$ 0.033 χ^2 /NDF: 2962.7/37

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -20.014 ± 0.061 χ^2/NDF : 11382.1/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -20.566 ± 0.063 χ^2/NDF : 7674.5/17

Left: -20.284 ± 0.044 χ^2/NDF : 19096.3/37

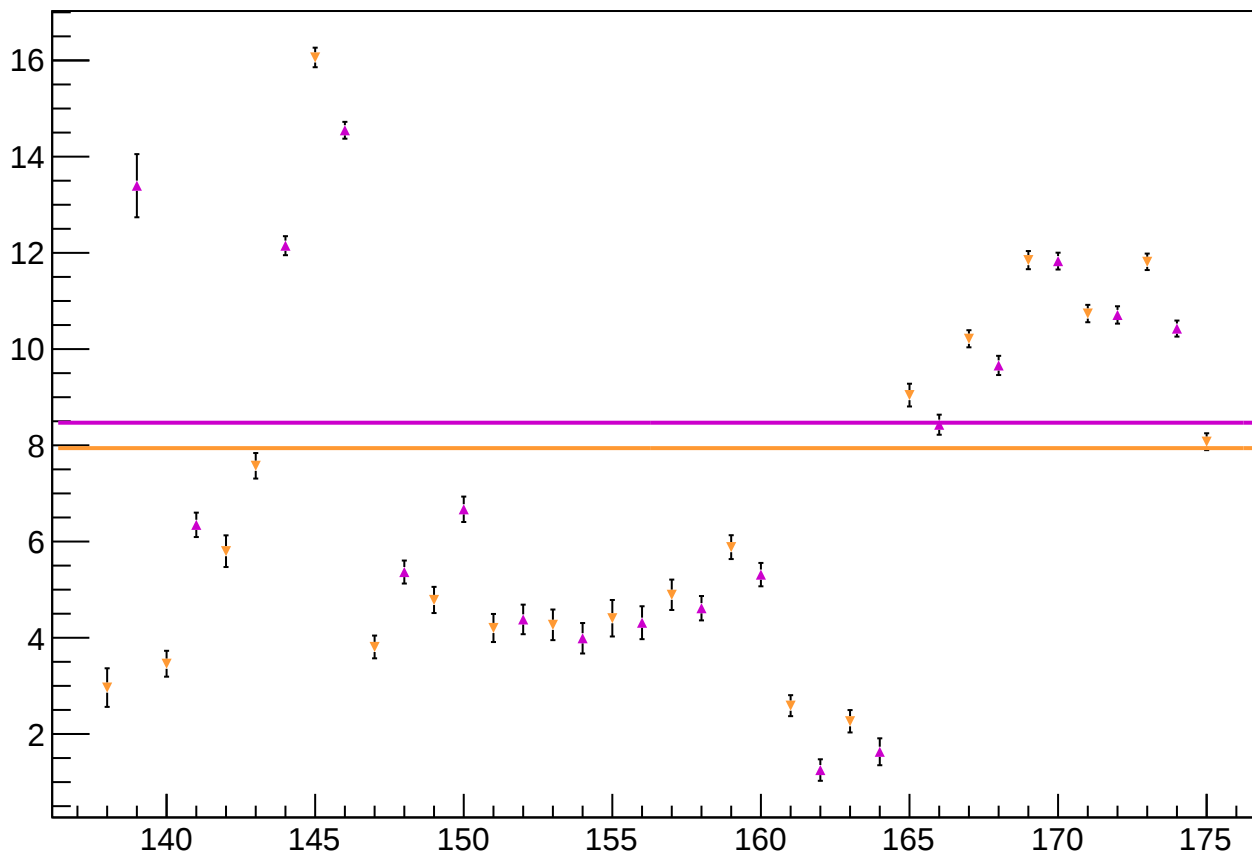
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -20.566 ± 0.063 χ^2/NDF : 7674.5/17

Out: -20.014 ± 0.061 χ^2/NDF : 11382.1/19

All: -20.284 ± 0.044 χ^2/NDF : 19096.3/37

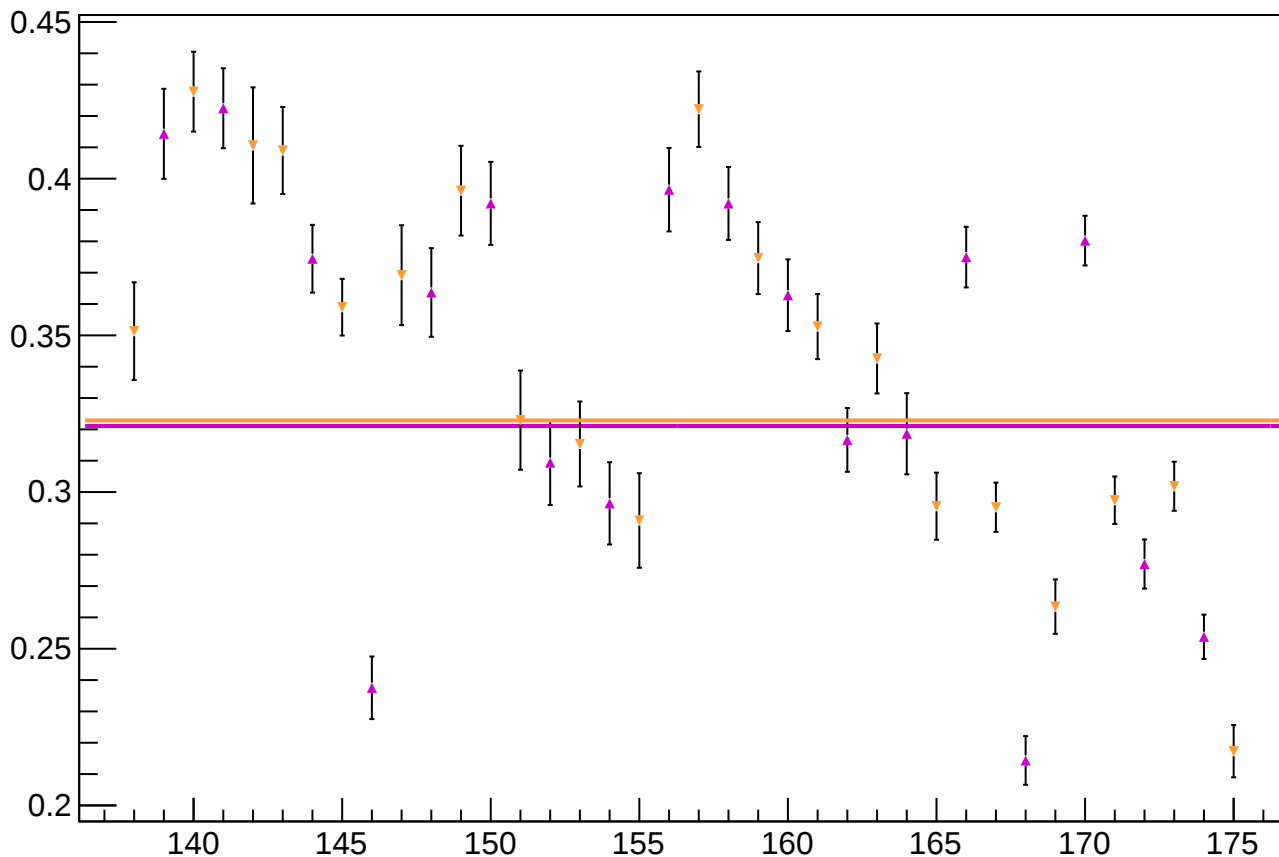
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.942+/-0.052 χ^2/NDF :5623.0/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.470+/-0.053 χ^2/NDF :5158.7/17

Left: 8.199+/-0.037 χ^2/NDF : 10831.7/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.470+/-0.053 χ^2/NDF :5158.7/17
 Out: 7.942+/-0.052 χ^2/NDF :5623.0/19
 All: 8.199+/-0.037 χ^2/NDF : 10831.7/37

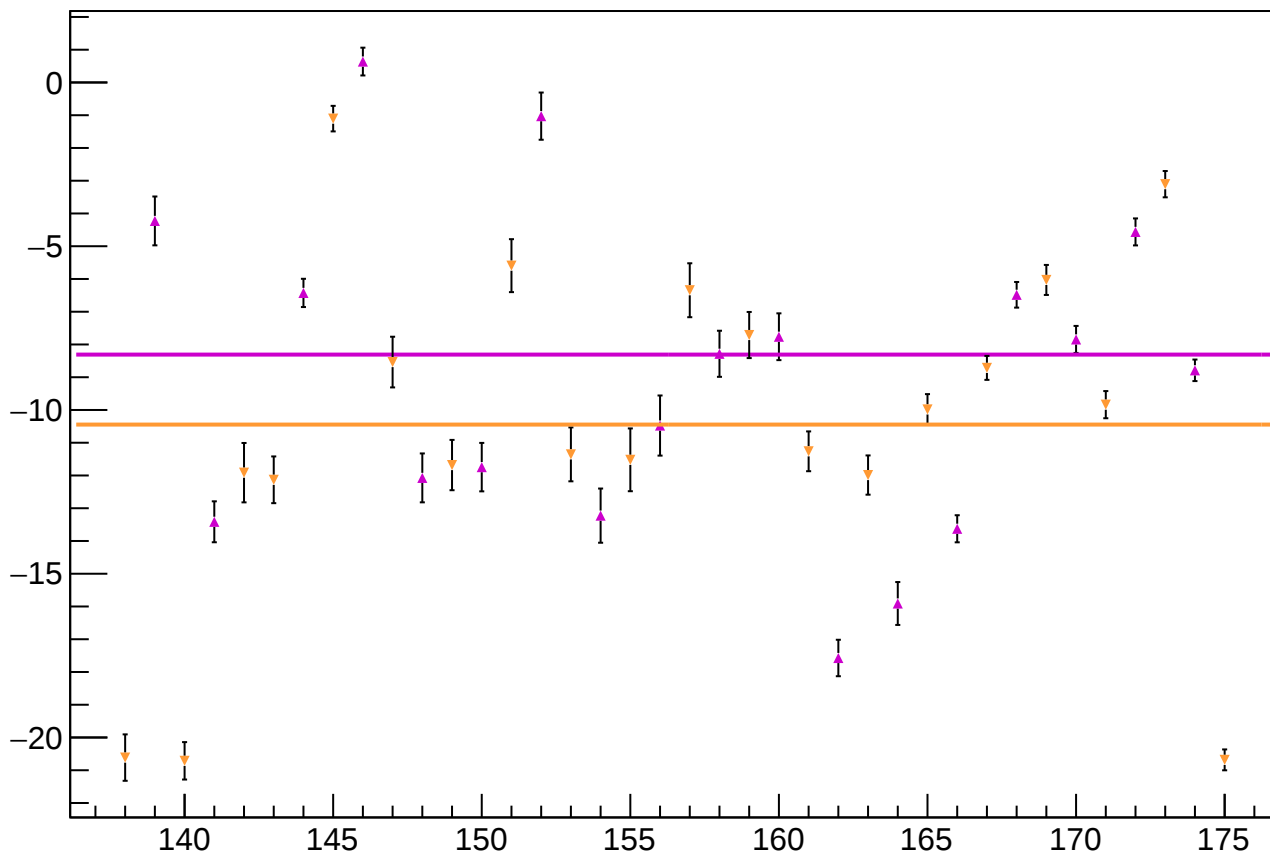
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.323 $\pm$ 0.002 χ^2 /NDF:531.5/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.321 $\pm$ 0.002 χ^2 /NDF:722.2/17

Left: 0.322 $\pm$ 0.002 χ^2 /NDF: 1253.9/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.321 $\pm$ 0.002 χ^2 /NDF:722.2/17
 Out: 0.323 $\pm$ 0.002 χ^2 /NDF:531.5/19
 All: 0.322 $\pm$ 0.002 χ^2 /NDF: 1253.9/37

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -10.446 $\pm$ 0.120 χ^2/NDF :2690.6/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -8.309 $\pm$ 0.123 χ^2/NDF :1435.8/17

Left: -9.405 $\pm$ 0.086 χ^2/NDF : 4282.0/37

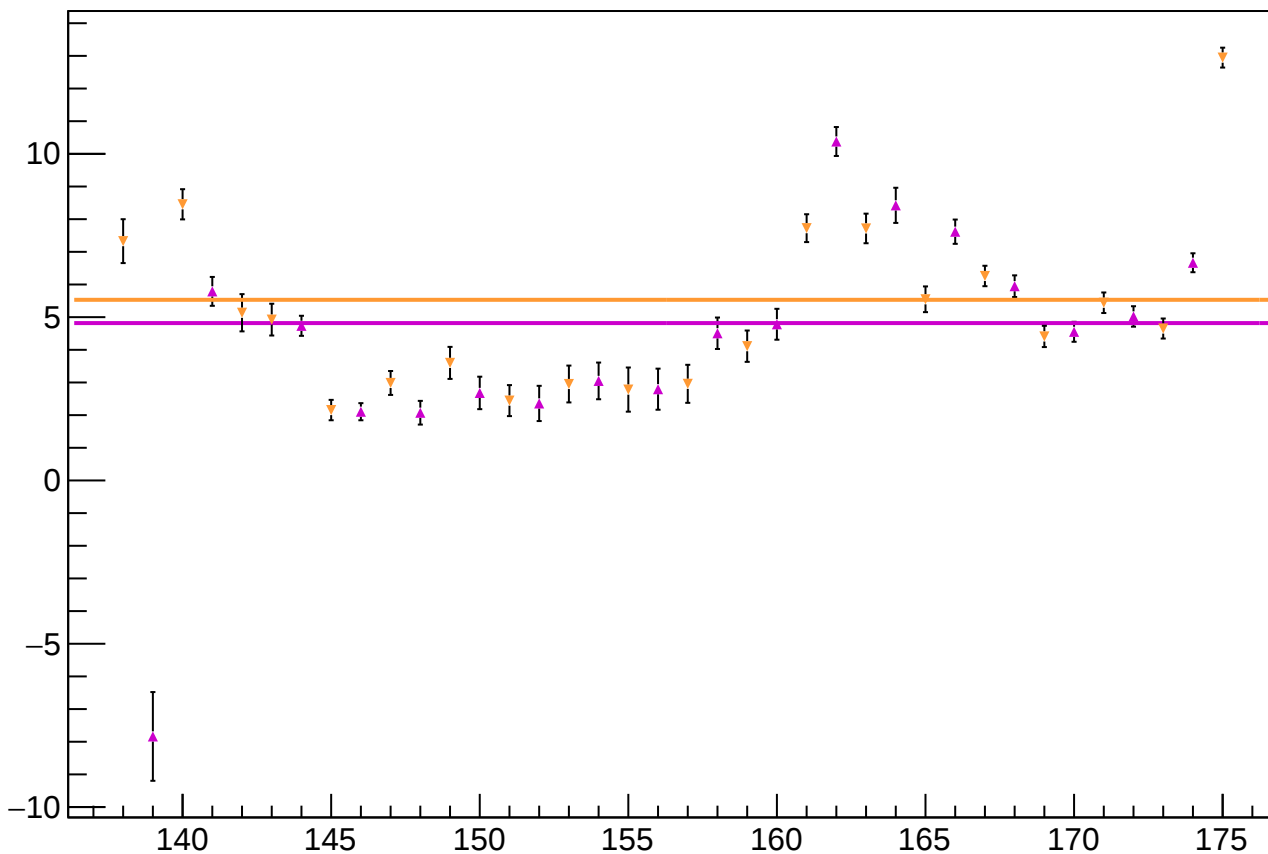
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -8.309 $\pm$ 0.123 χ^2/NDF :1435.8/17

Out: -10.446 $\pm$ 0.120 χ^2/NDF :2690.6/19

All: -9.405 $\pm$ 0.086 χ^2/NDF : 4282.0/37

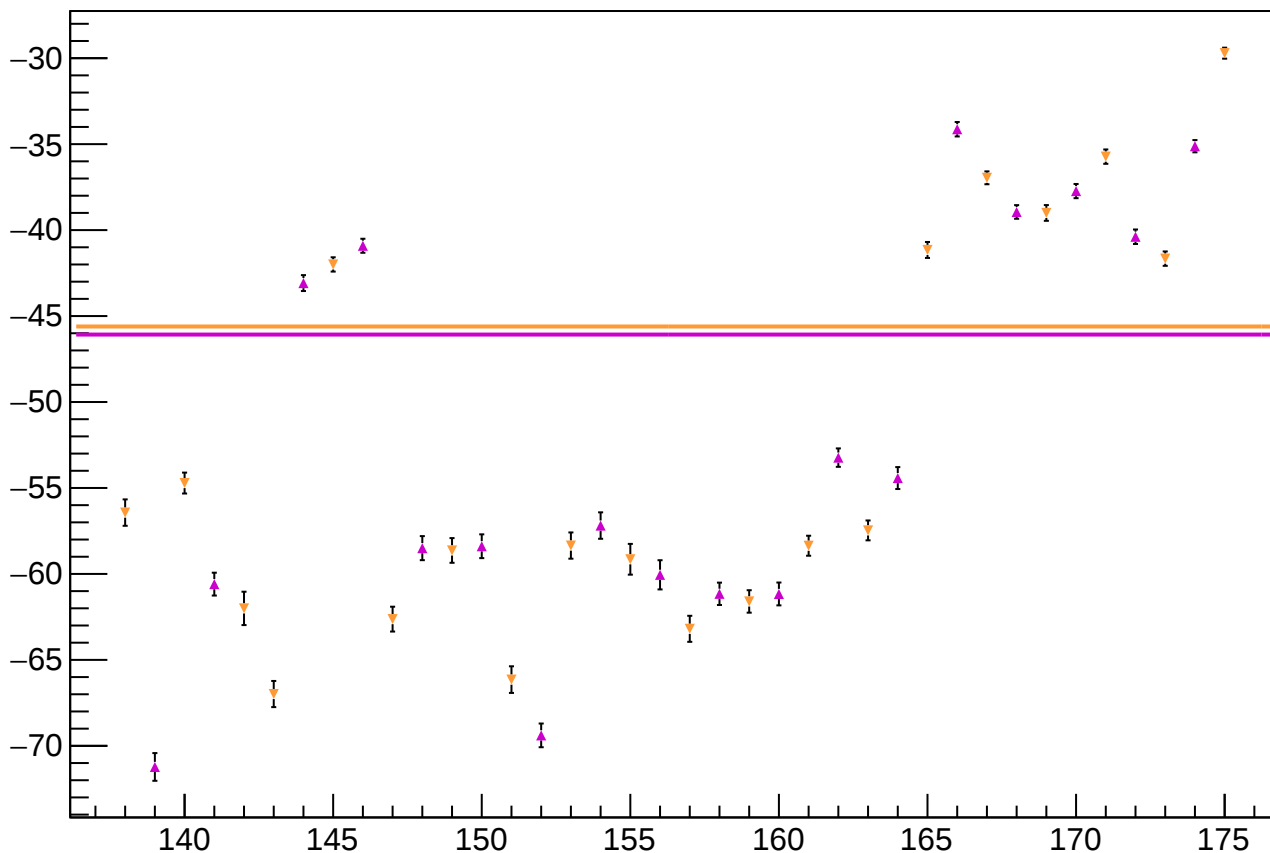
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.531 $\pm$ 0.091 χ^2 /NDF:1006.3/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.819 $\pm$ 0.092 χ^2 /NDF:628.6/17

Left: 5.180 $\pm$ 0.065 χ^2 /NDF: 1665.2/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.819 $\pm$ 0.092 χ^2 /NDF:628.6/17
 Out: 5.531 $\pm$ 0.091 χ^2 /NDF:1006.3/19
 All: 5.180 $\pm$ 0.065 χ^2 /NDF: 1665.2/37

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -45.607+/-0.120 χ^2/NDF :9665.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -46.076+/-0.123 χ^2/NDF :7977.7/17

Left: -45.836+/-0.086 χ^2/NDF : 17650.7/37

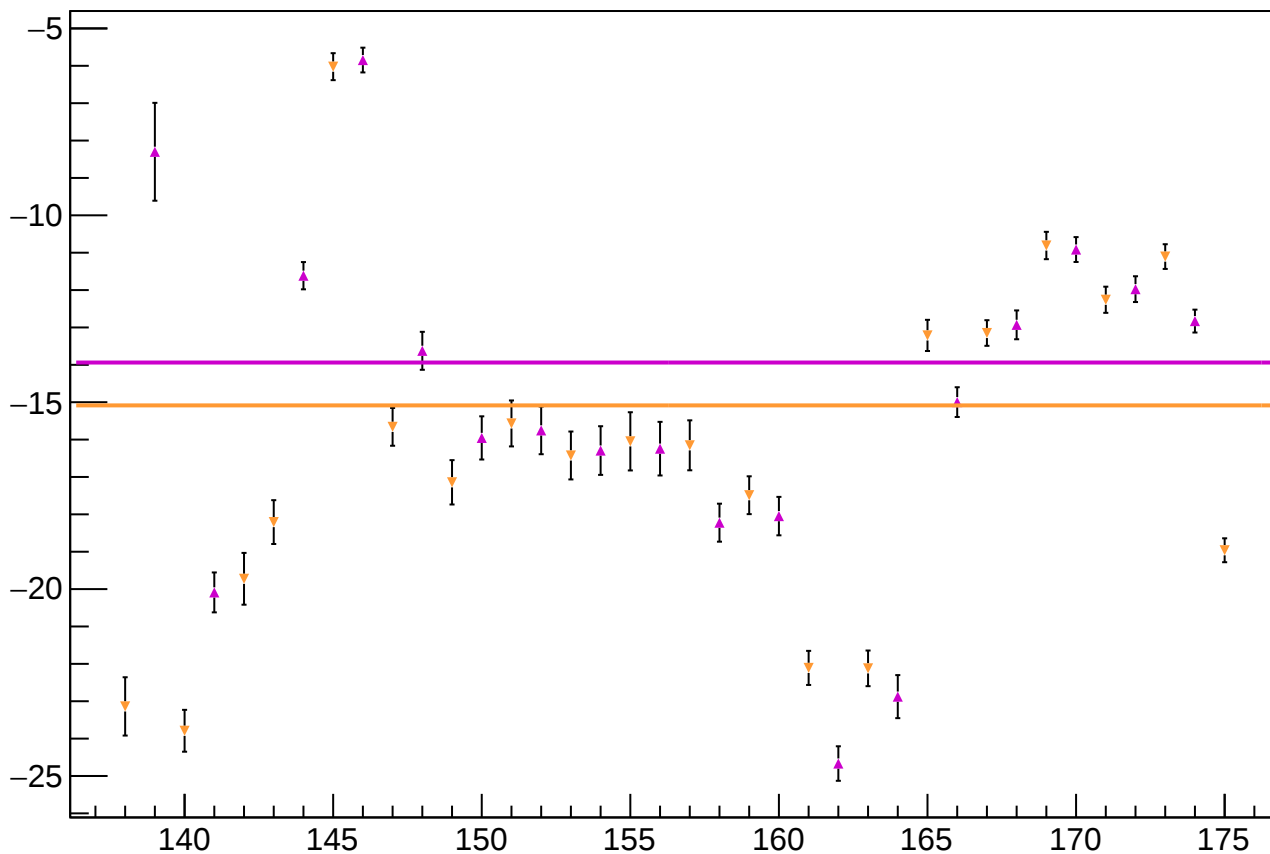
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -46.076+/-0.123 χ^2/NDF :7977.7/17

Out: -45.607+/-0.120 χ^2/NDF :9665.5/19

All: -45.836+/-0.086 χ^2/NDF : 17650.7/37

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.085+/-0.103 χ^2/NDF :2097.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.938+/-0.105 χ^2/NDF :1890.6/17

Left: -14.525+/-0.073 χ^2/NDF : 4049.4/37

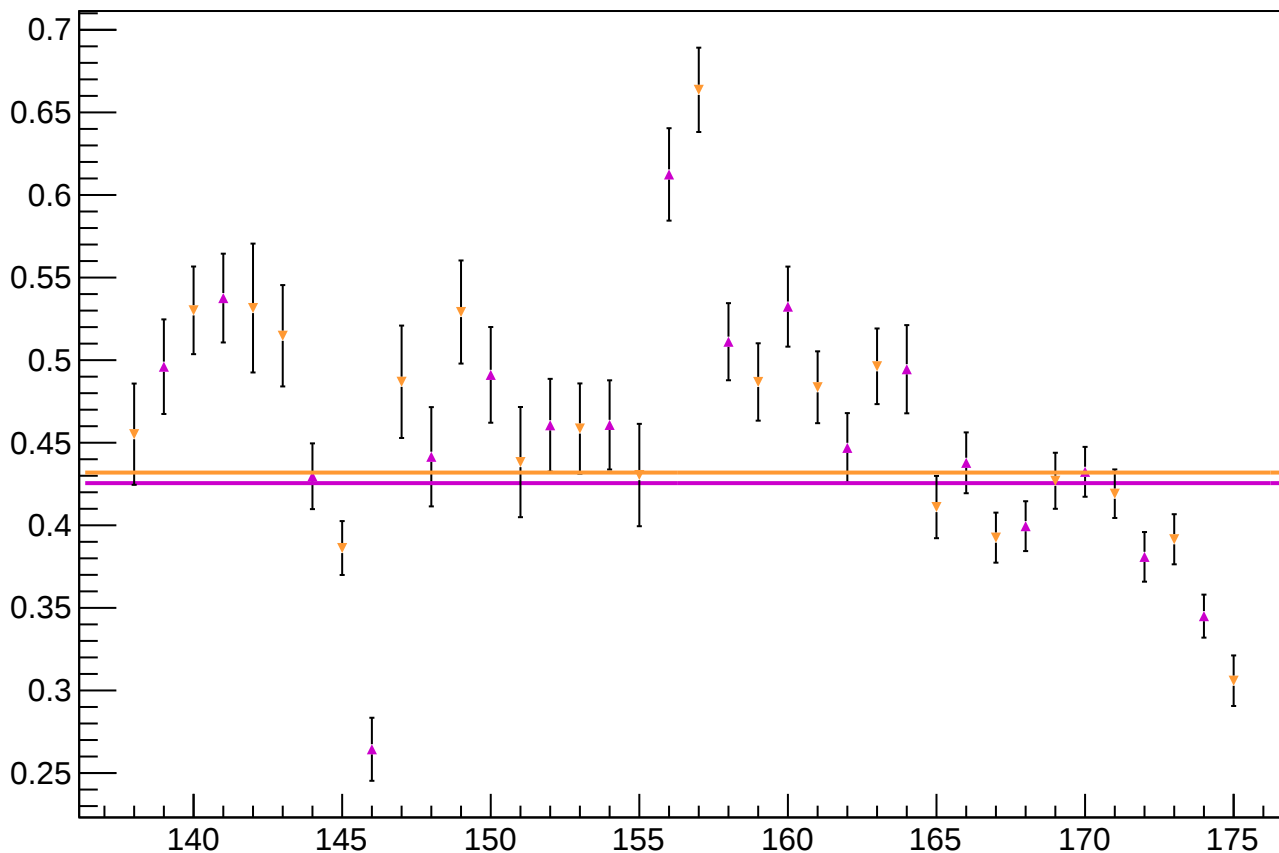
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.938+/-0.105 χ^2/NDF :1890.6/17

Out: -15.085+/-0.103 χ^2/NDF :2097.7/19

All: -14.525+/-0.073 χ^2/NDF : 4049.4/37

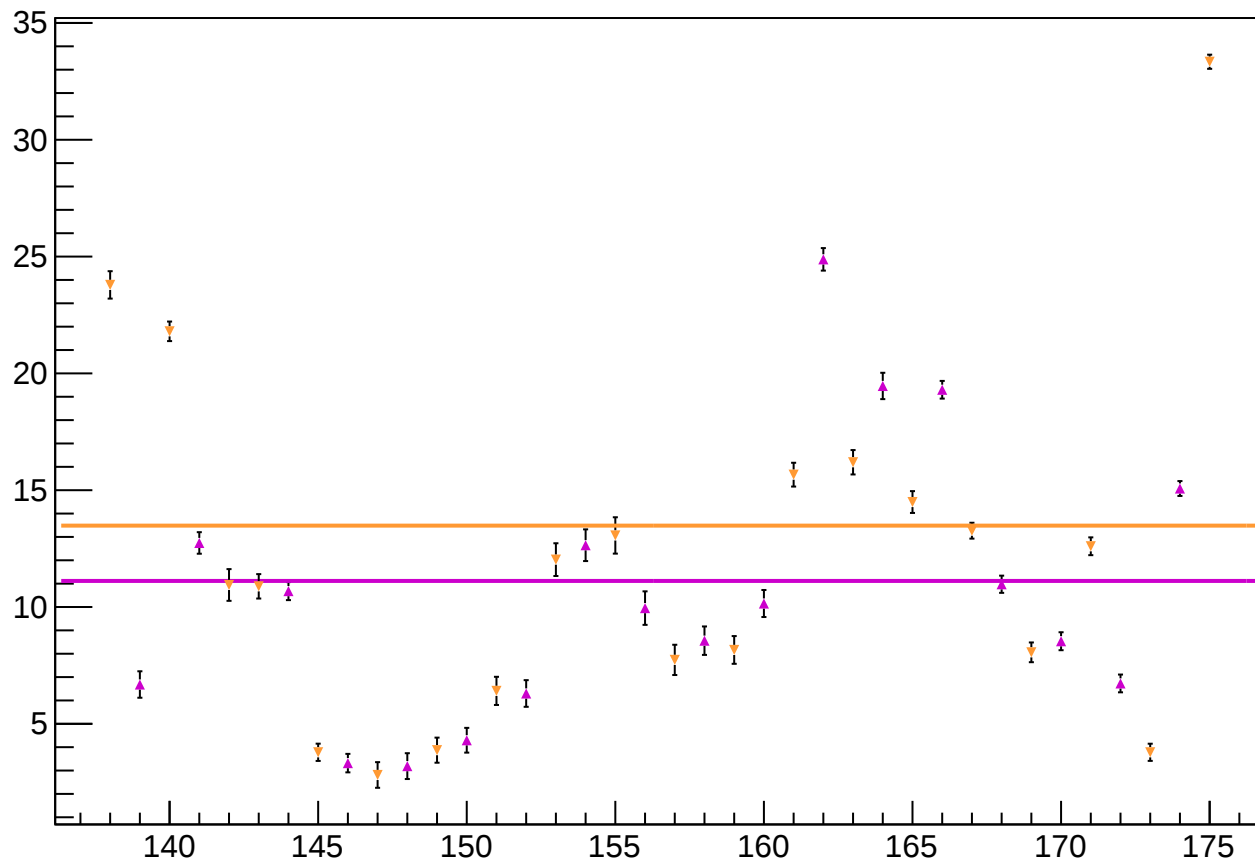
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.432 $\pm$ 0.005 χ^2 /NDF:234.4/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.426 $\pm$ 0.005 χ^2 /NDF:239.3/17

Left: 0.429 $\pm$ 0.003 χ^2 /NDF: 474.6/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.426 $\pm$ 0.005 χ^2 /NDF:239.3/17
 Out: 0.432 $\pm$ 0.005 χ^2 /NDF:234.4/19
 All: 0.429 $\pm$ 0.003 χ^2 /NDF: 474.6/37

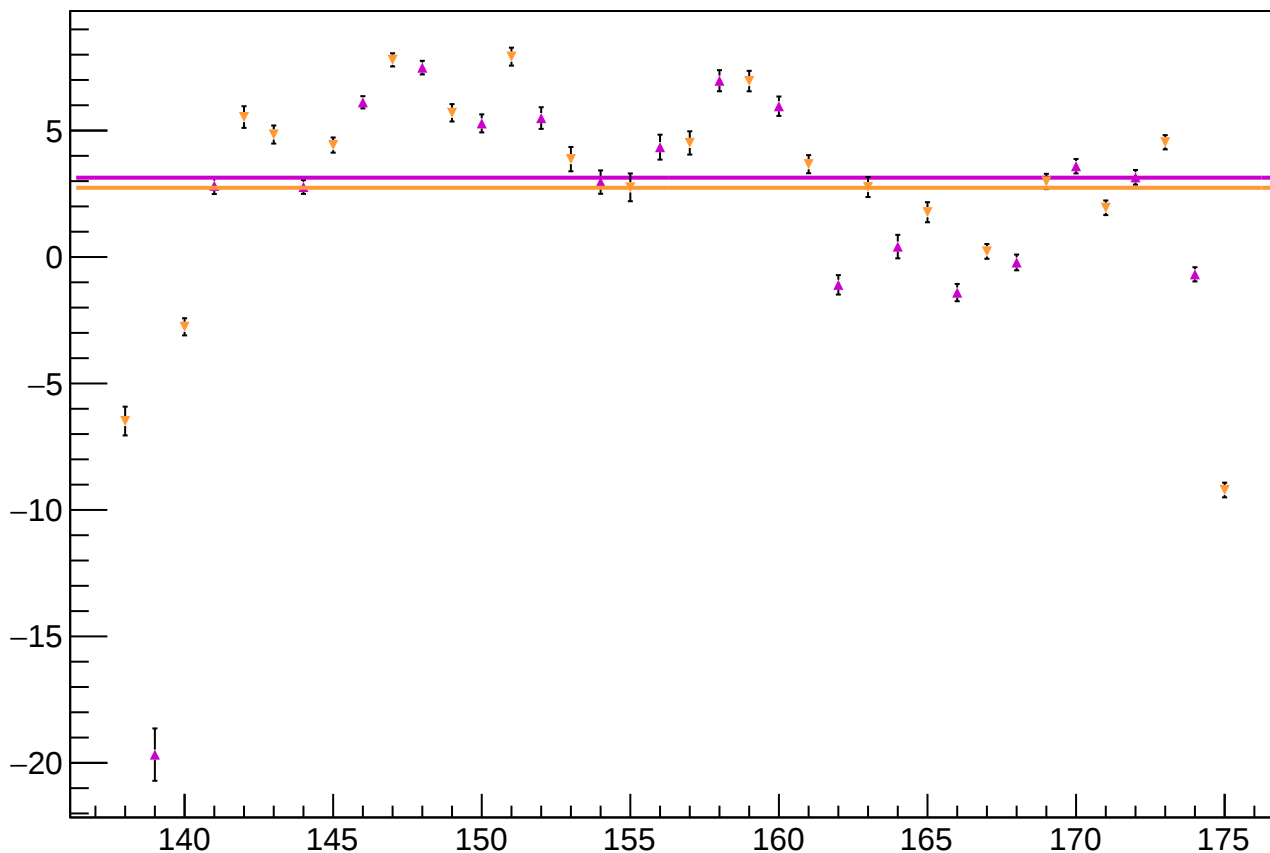
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.484+/-0.104 χ^2/NDF :7648.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.116+/-0.108 χ^2/NDF :2767.5/17

Left: 12.339+/-0.075 χ^2/NDF : 10664.6/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.116+/-0.108 χ^2/NDF :2767.5/17
 Out: 13.484+/-0.104 χ^2/NDF :7648.3/19
 All: 12.339+/-0.075 χ^2/NDF : 10664.6/37

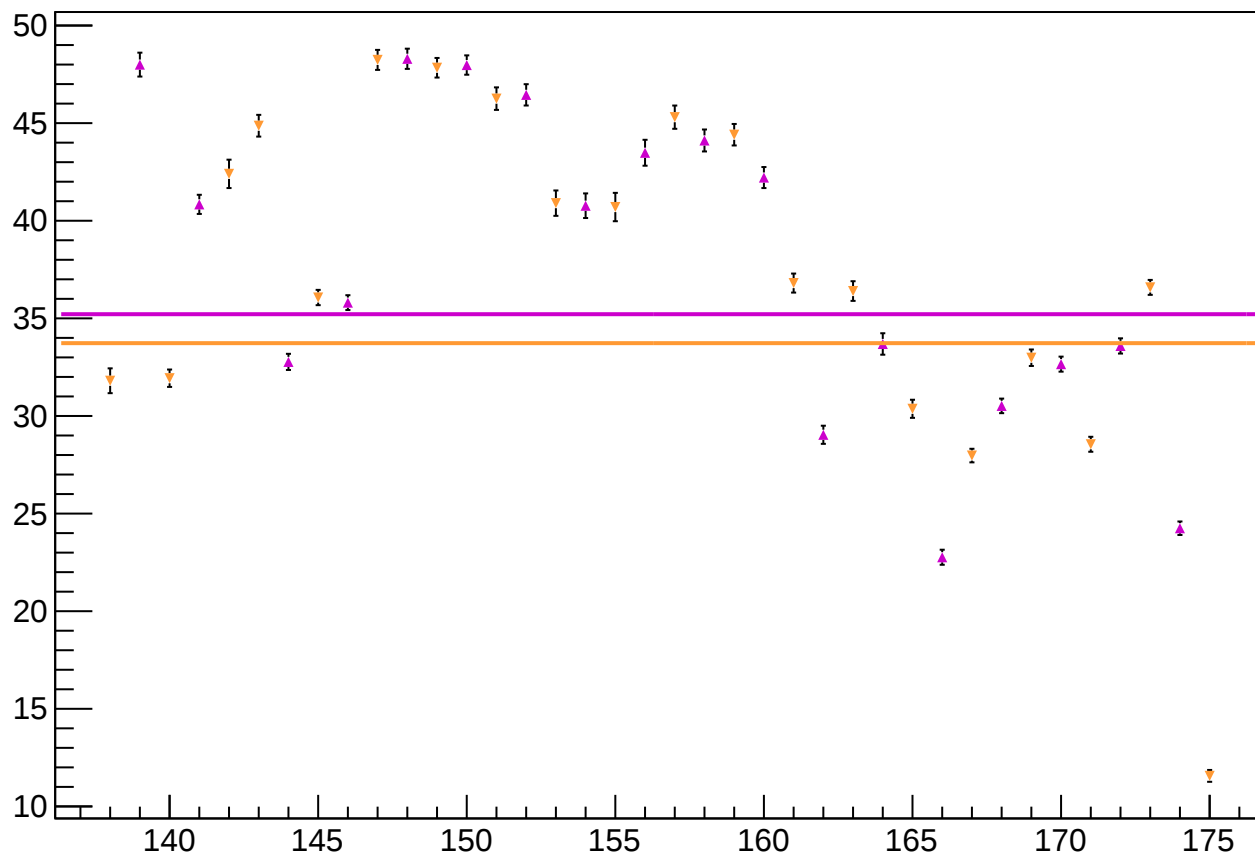
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.737 $\pm$ 0.078 χ^2/NDF :3254.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 3.137 $\pm$ 0.080 χ^2/NDF :1747.0/17

Left: 2.931 $\pm$ 0.056 χ^2/NDF : 5014.5/37
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 3.137 $\pm$ 0.080 χ^2/NDF :1747.0/17
 Out: 2.737 $\pm$ 0.078 χ^2/NDF :3254.6/19
 All: 2.931 $\pm$ 0.056 χ^2/NDF : 5014.5/37

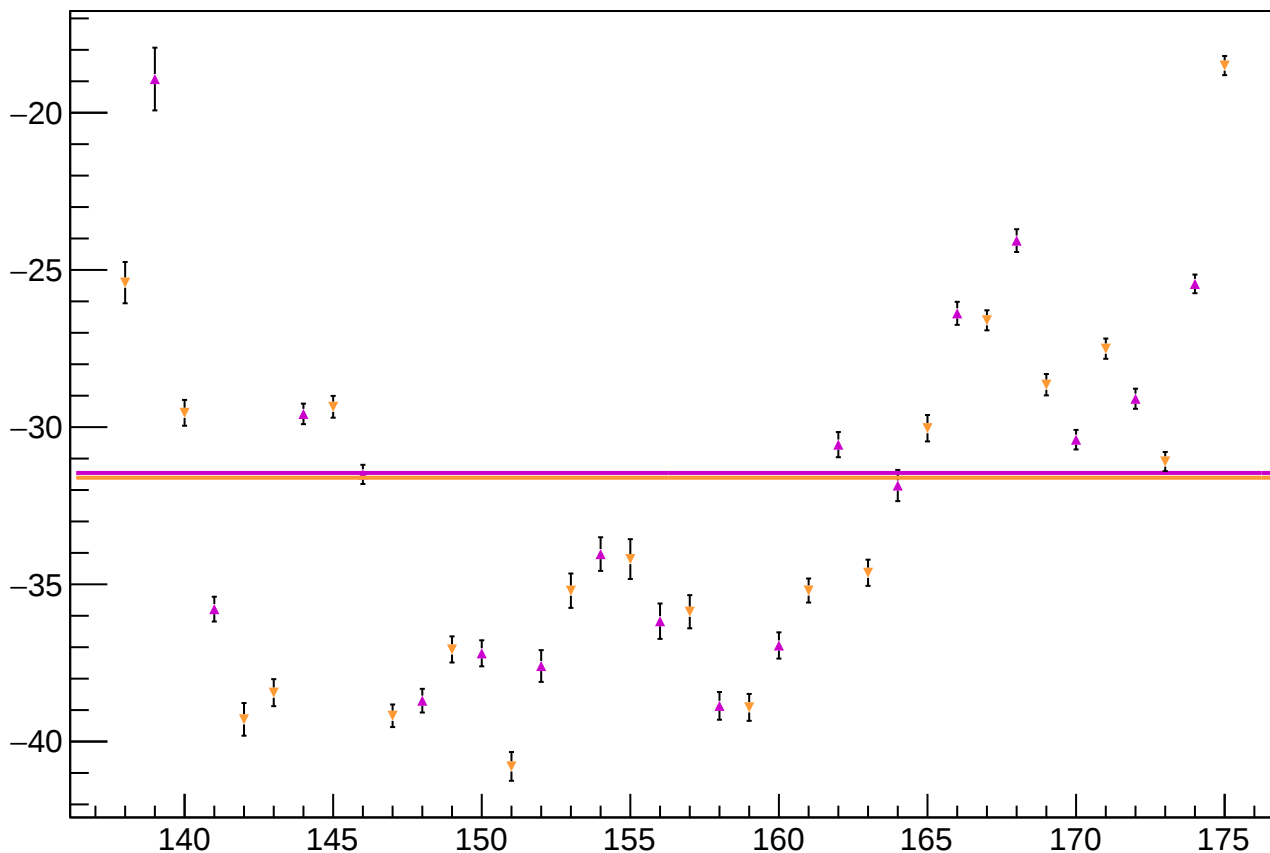
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 33.730 +/- 0.105 χ^2/NDF : 9605.4/19
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 35.213 +/- 0.108 χ^2/NDF : 5435.2/17

Left: 34.448 +/- 0.075 χ^2/NDF : 15137.8/37
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 35.213 +/- 0.108 χ^2/NDF : 5435.2/17
 Out: 33.730 +/- 0.105 χ^2/NDF : 9605.4/19
 All: 34.448 +/- 0.075 χ^2/NDF : 15137.8/37

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -31.609 $\pm$ 0.089 χ^2 /NDF:4554.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.457 $\pm$ 0.092 χ^2 /NDF:2660.4/17

Left: -31.536 $\pm$ 0.064 χ^2 /NDF: 7216.4/37

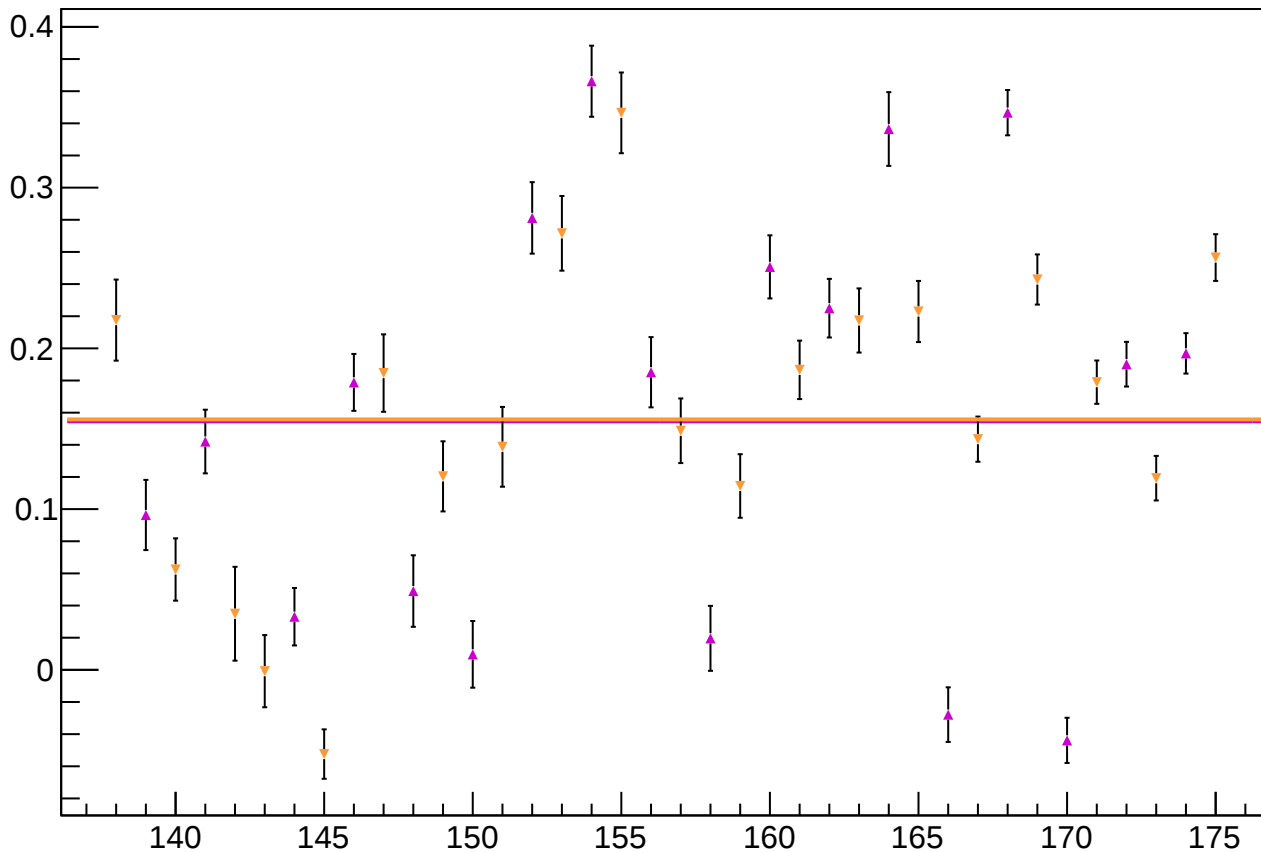
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.457 $\pm$ 0.092 χ^2 /NDF:2660.4/17

Out: -31.609 $\pm$ 0.089 χ^2 /NDF:4554.6/19

All: -31.536 $\pm$ 0.064 χ^2 /NDF: 7216.4/37

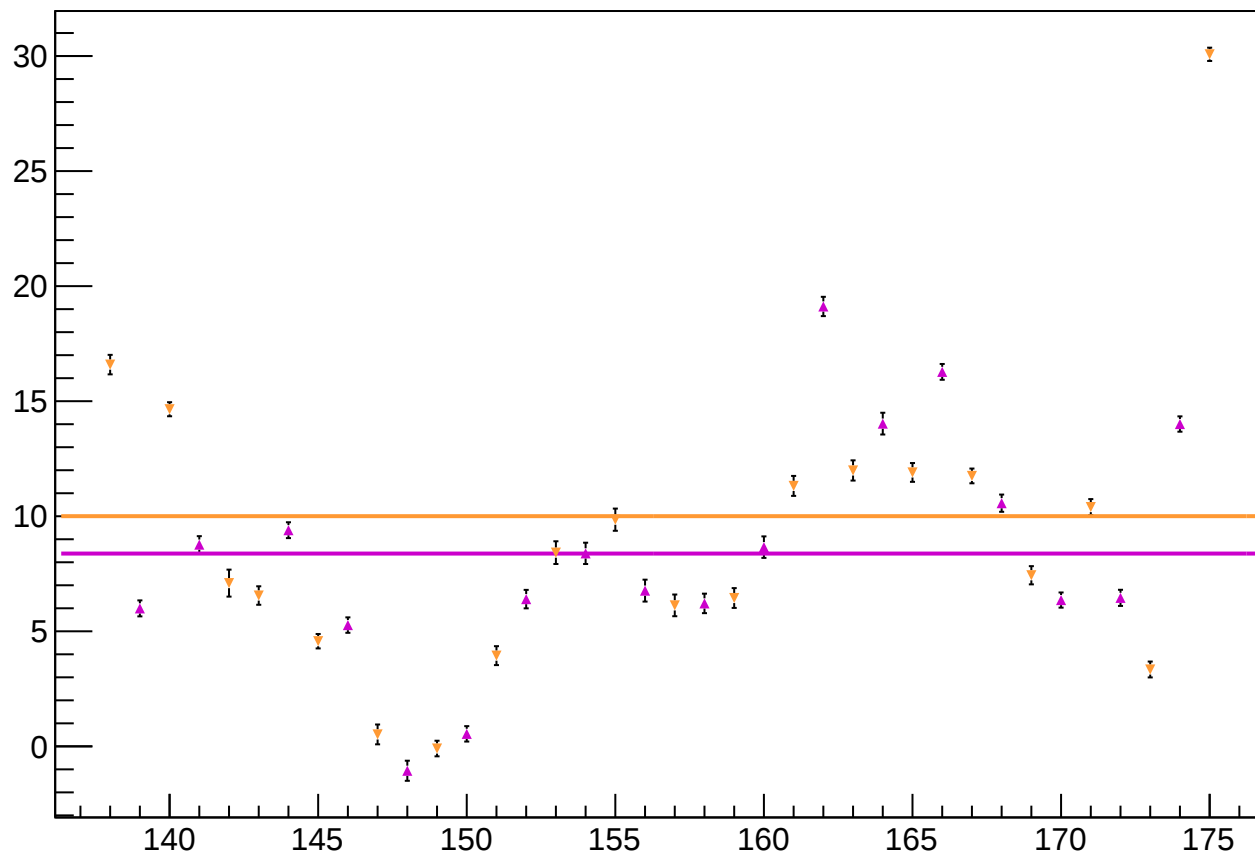
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.156 $\pm$ 0.004 χ^2 /NDF:484.5/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.155 $\pm$ 0.004 χ^2 /NDF:917.4/17

Left: 0.155 $\pm$ 0.003 χ^2 /NDF: 1401.9/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.155 $\pm$ 0.004 χ^2 /NDF:917.4/17
 Out: 0.156 $\pm$ 0.004 χ^2 /NDF:484.5/19
 All: 0.155 $\pm$ 0.003 χ^2 /NDF: 1401.9/37

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.003±/-0.086 χ^2/NDF :7926.3/19

Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left In: 8.378±/-0.090 χ^2/NDF :2933.7/17

Left: 9.223±/-0.062 χ^2/NDF : 11031.3/37

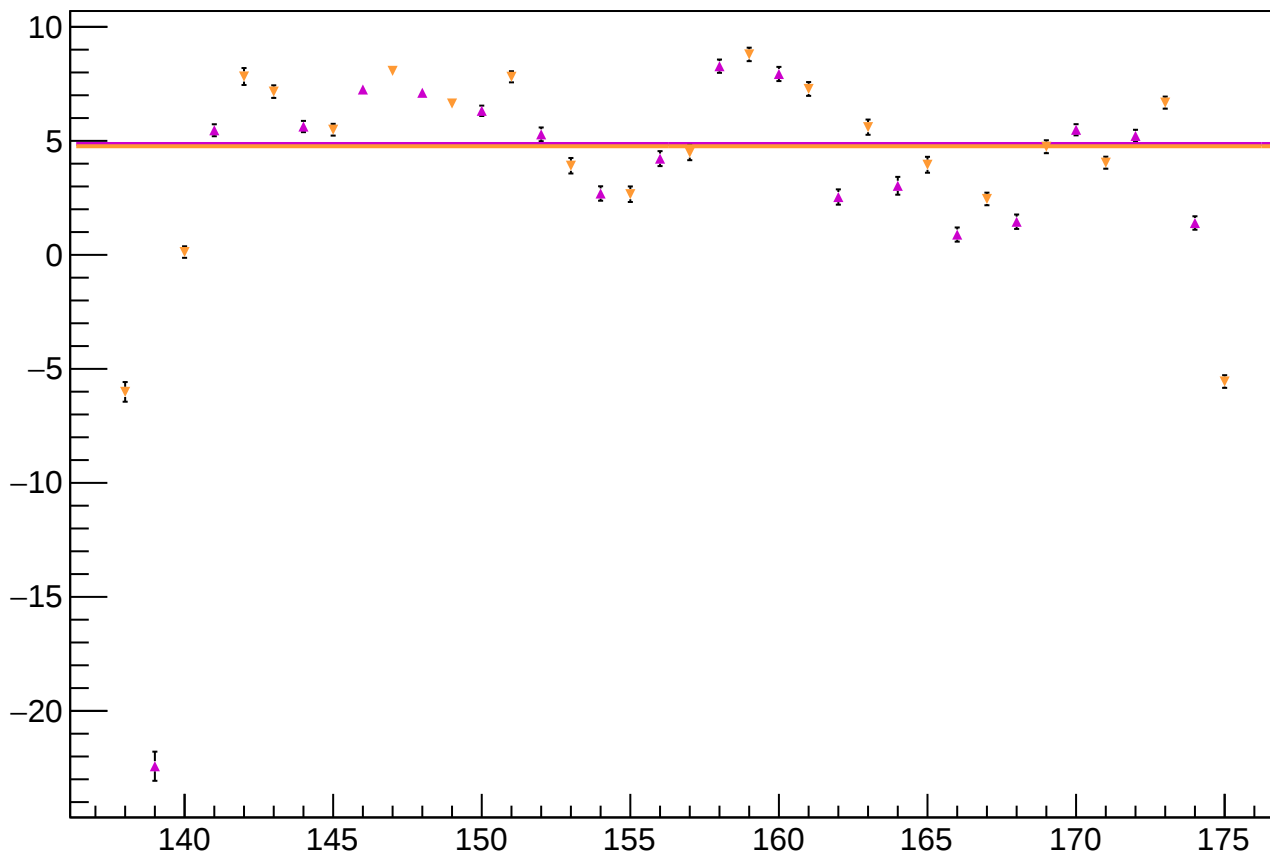
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: 8.378±/-0.090 χ^2/NDF :2933.7/17

Out: 10.003±/-0.086 χ^2/NDF :7926.3/19

All: 9.223±/-0.062 χ^2/NDF : 11031.3/37

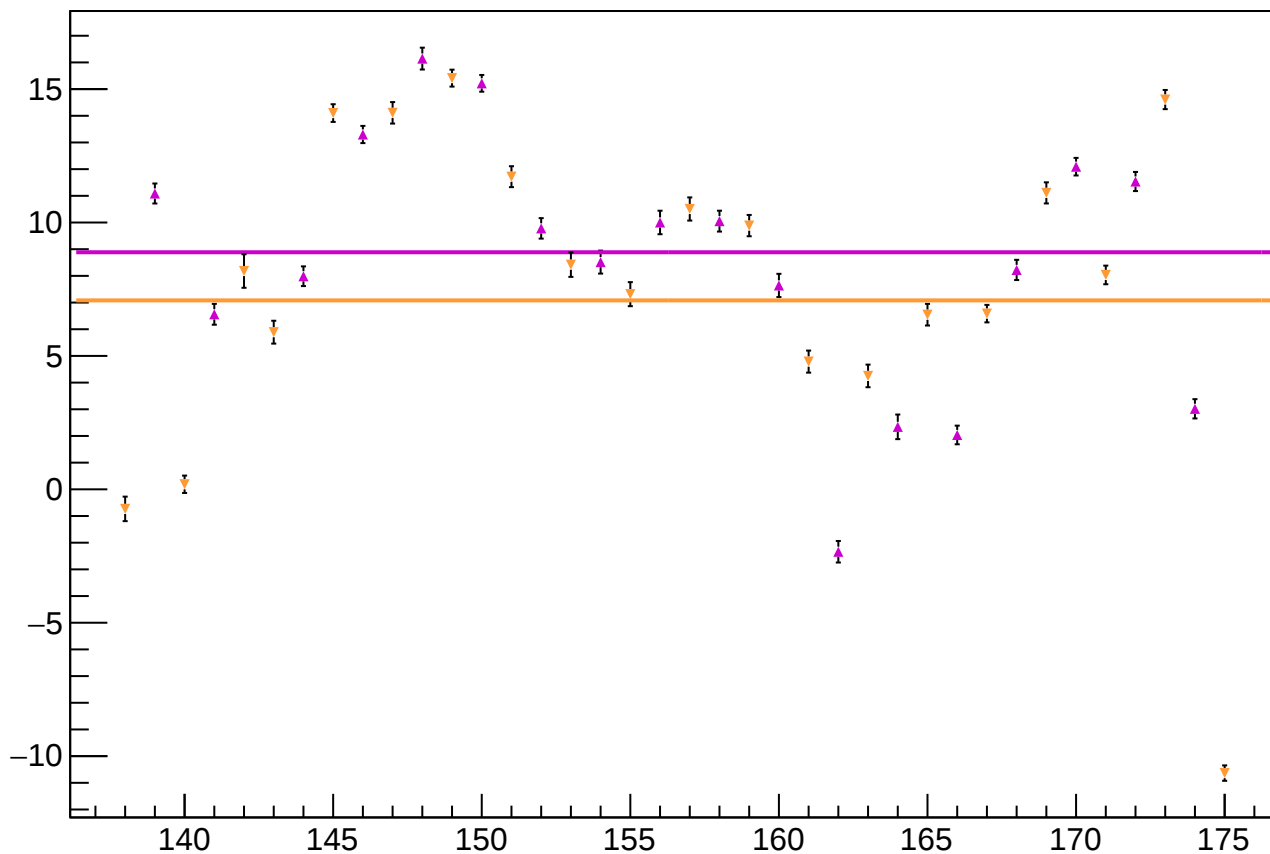
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.764+/-0.063 χ^2/NDF :3414.5/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.863+/-0.067 χ^2/NDF :2896.7/17

Left: 4.811+/-0.046 χ^2/NDF : 6312.4/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.863+/-0.067 χ^2/NDF :2896.7/17
 Out: 4.764+/-0.063 χ^2/NDF :3414.5/19
 All: 4.811+/-0.046 χ^2/NDF : 6312.4/37

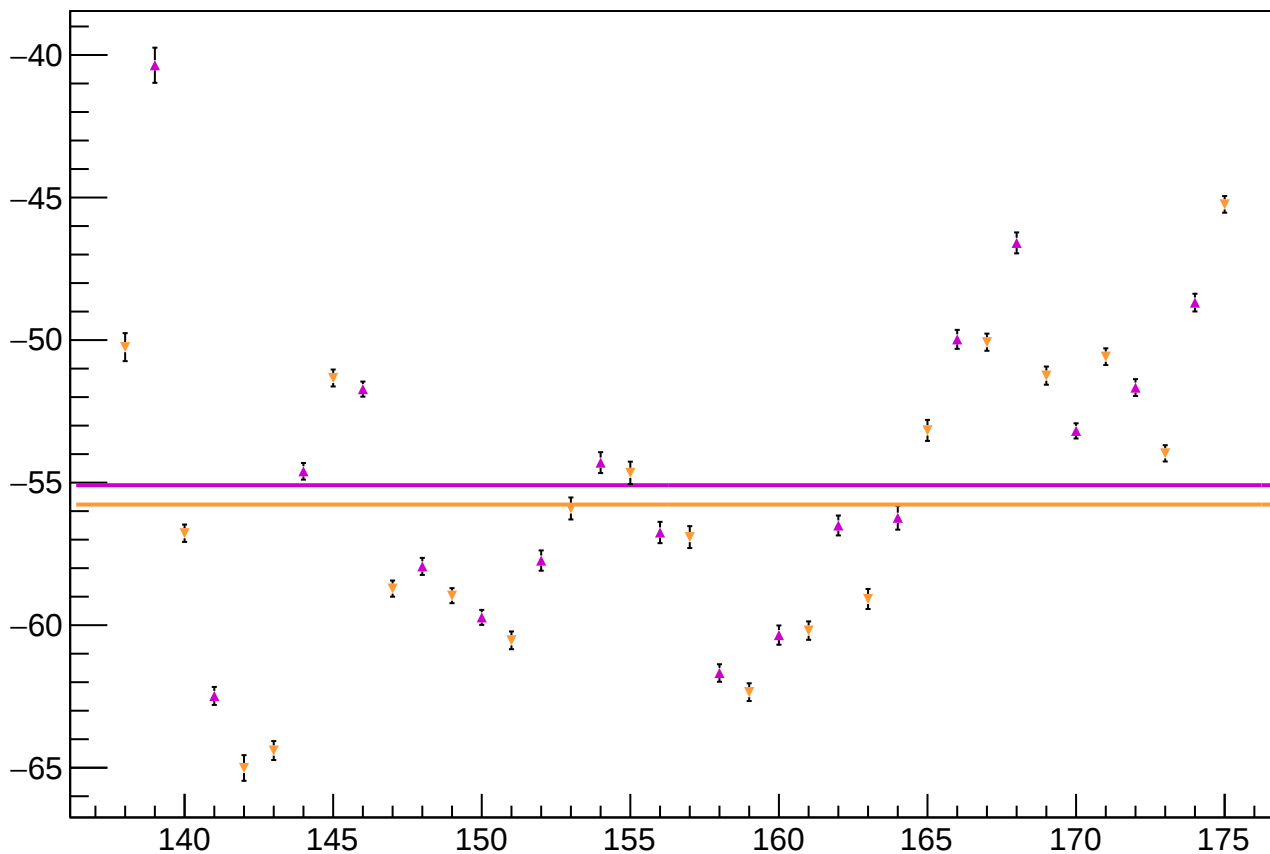
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.082 $\pm$ 0.086 χ^2 /NDF:6844.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.885 $\pm$ 0.089 χ^2 /NDF:2789.3/17

Left: 7.950 $\pm$ 0.062 χ^2 /NDF: 9847.4/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.885 $\pm$ 0.089 χ^2 /NDF:2789.3/17
 Out: 7.082 $\pm$ 0.086 χ^2 /NDF:6844.6/19
 All: 7.950 $\pm$ 0.062 χ^2 /NDF: 9847.4/37

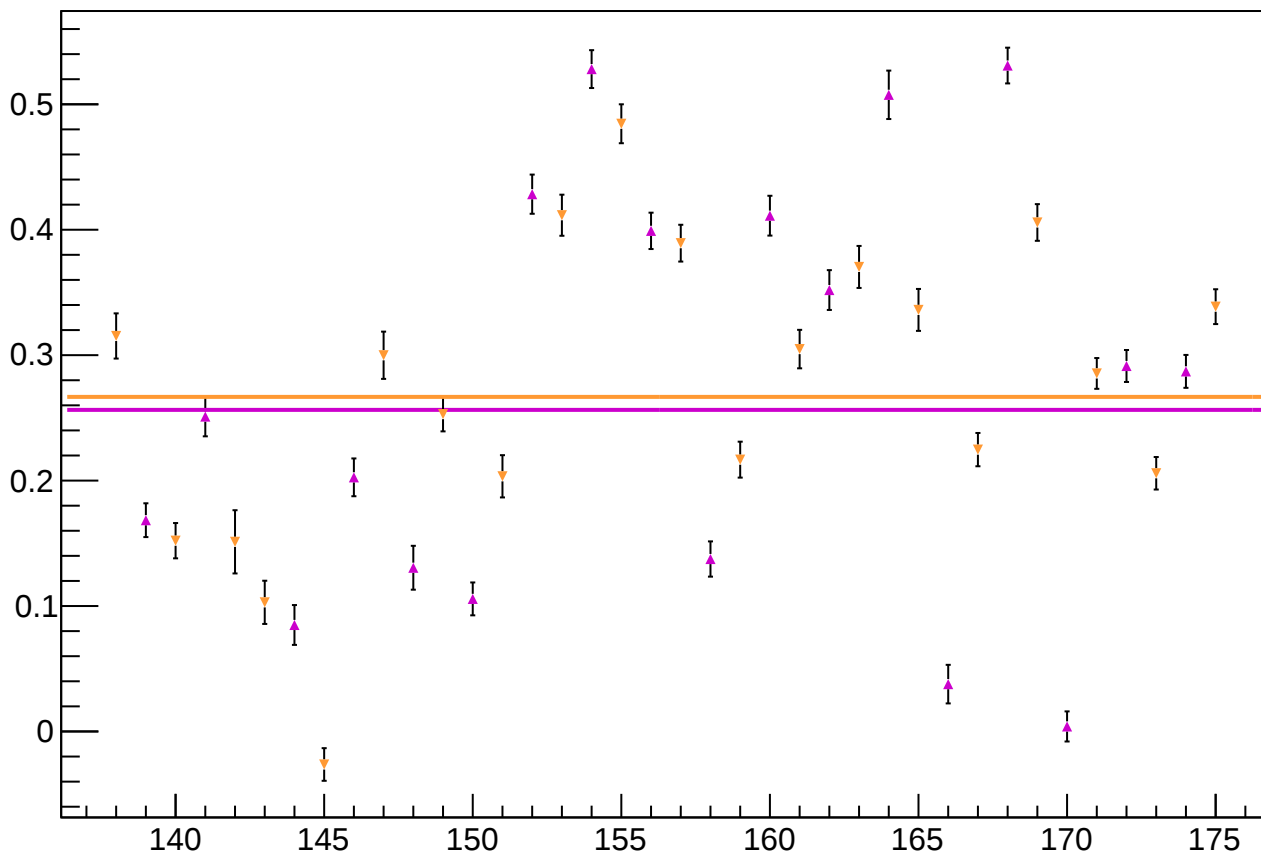
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.769+/-0.073 χ^2/NDF :4947.5/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.091+/-0.076 χ^2/NDF :3869.9/17

Left: -55.446+/-0.053 χ^2/NDF : 8858.8/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -55.091+/-0.076 χ^2/NDF :3869.9/17
 Out: -55.769+/-0.073 χ^2/NDF :4947.5/19
 All: -55.446+/-0.053 χ^2/NDF : 8858.8/37

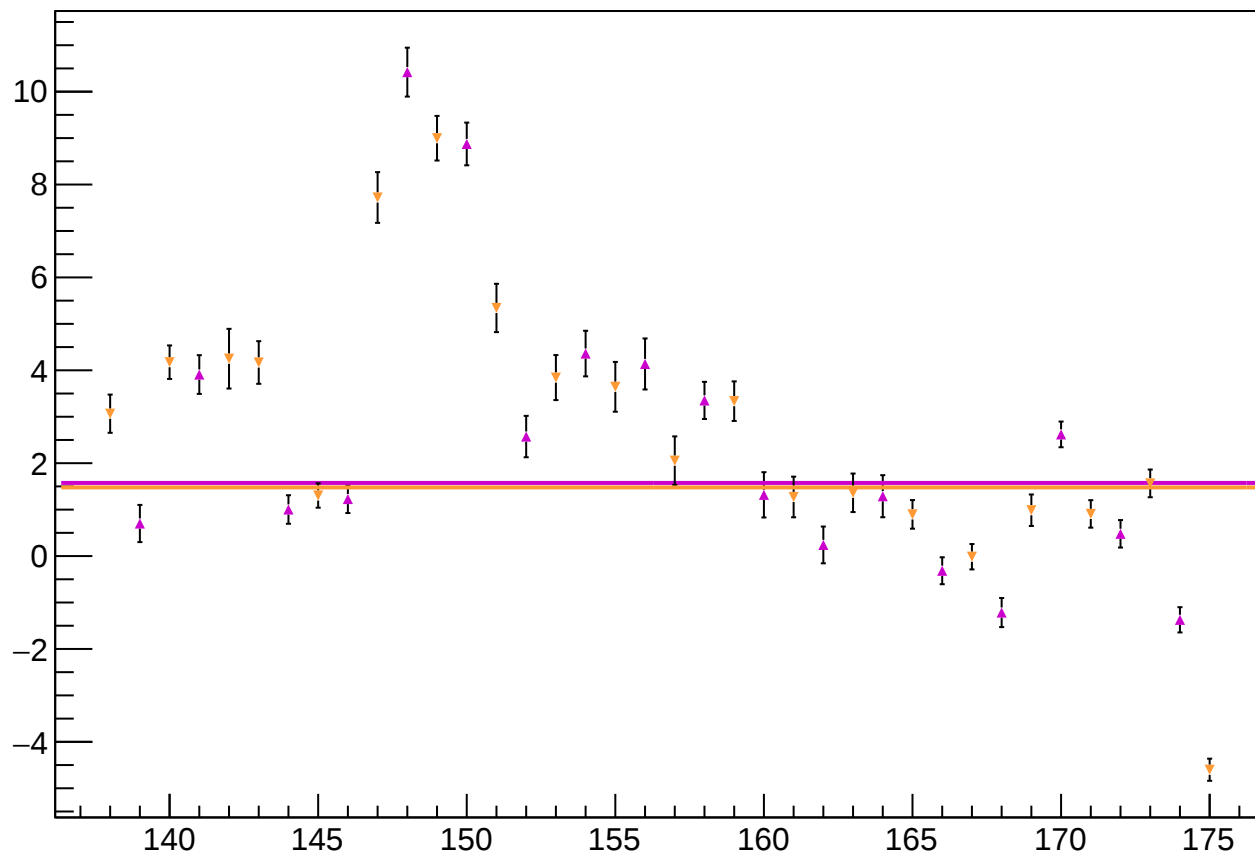
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.267+/-0.003 χ^2/NDF :1281.2/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.256+/-0.003 χ^2/NDF :2299.3/17

Left: 0.262+/-0.002 χ^2/NDF : 3585.0/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.256+/-0.003 χ^2/NDF :2299.3/17
 Out: 0.267+/-0.003 χ^2/NDF :1281.2/19
 All: 0.262+/-0.002 χ^2/NDF : 3585.0/37

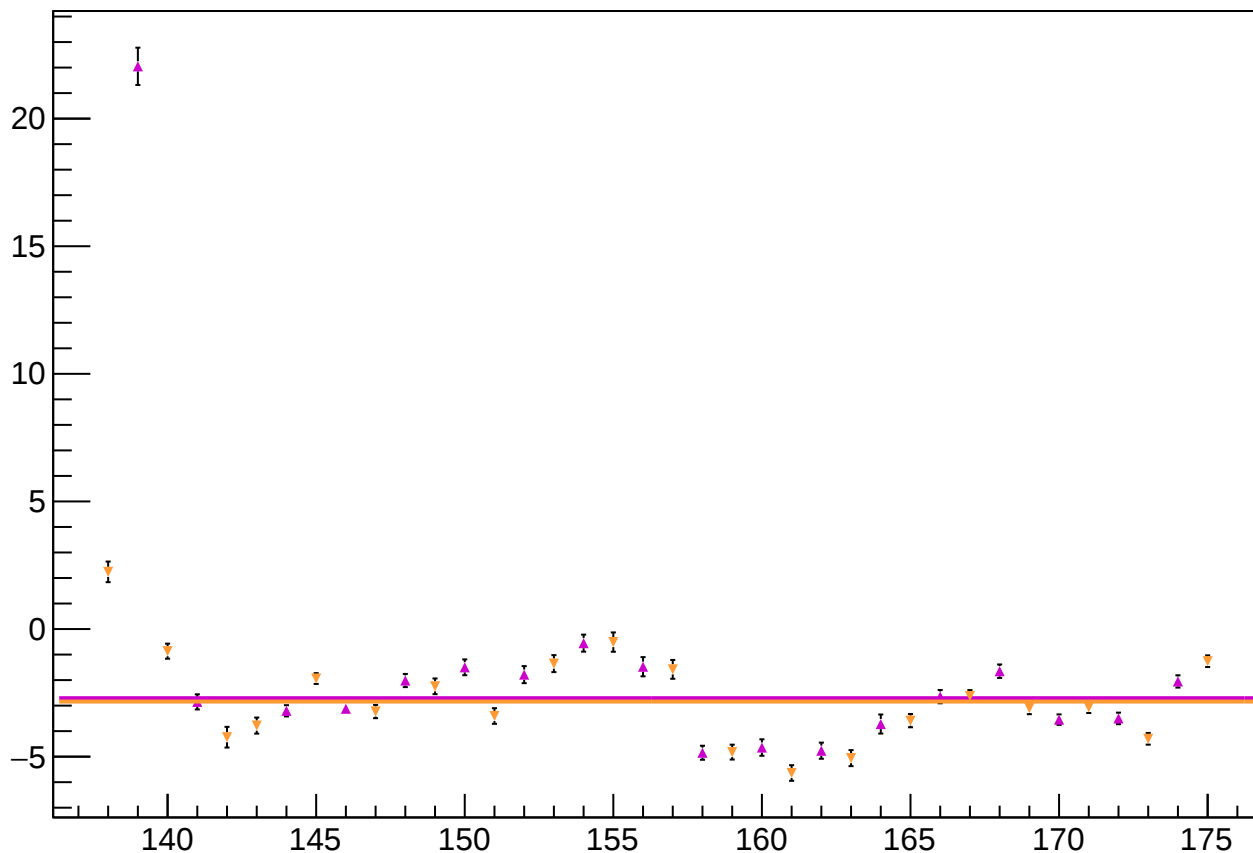
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.478 $\pm$ 0.082 χ^2 /NDF:1305.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.575 $\pm$ 0.086 χ^2 /NDF:932.8/17

Left: 1.525 $\pm$ 0.059 χ^2 /NDF: 2239.1/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.575 $\pm$ 0.086 χ^2 /NDF:932.8/17
 Out: 1.478 $\pm$ 0.082 χ^2 /NDF:1305.6/19
 All: 1.525 $\pm$ 0.059 χ^2 /NDF: 2239.1/37

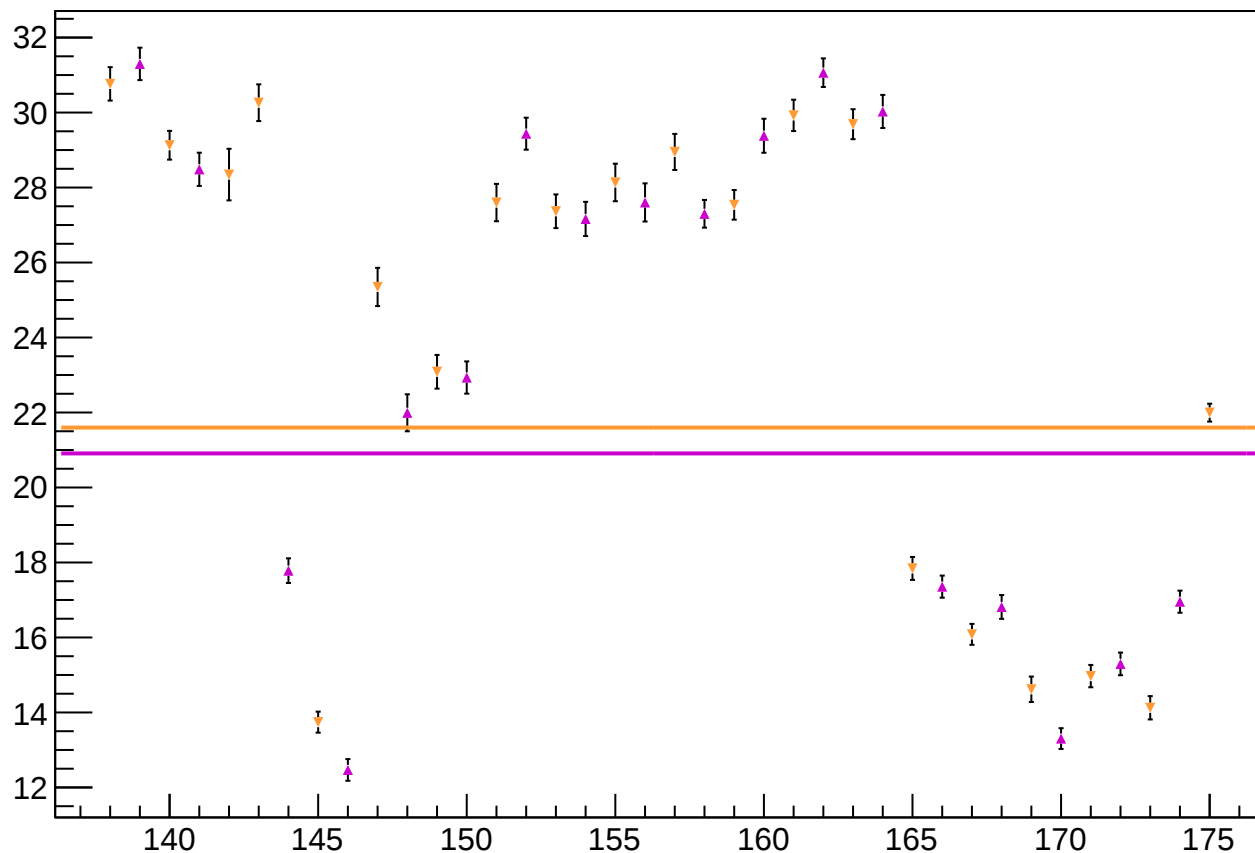
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.840+/-0.062 χ^2/NDF :600.4/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.709+/-0.065 χ^2/NDF :1437.8/17

Left: -2.777+/-0.045 χ^2/NDF : 2040.4/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.709+/-0.065 χ^2/NDF :1437.8/17
 Out: -2.840+/-0.062 χ^2/NDF :600.4/19
 All: -2.777+/-0.045 χ^2/NDF : 2040.4/37

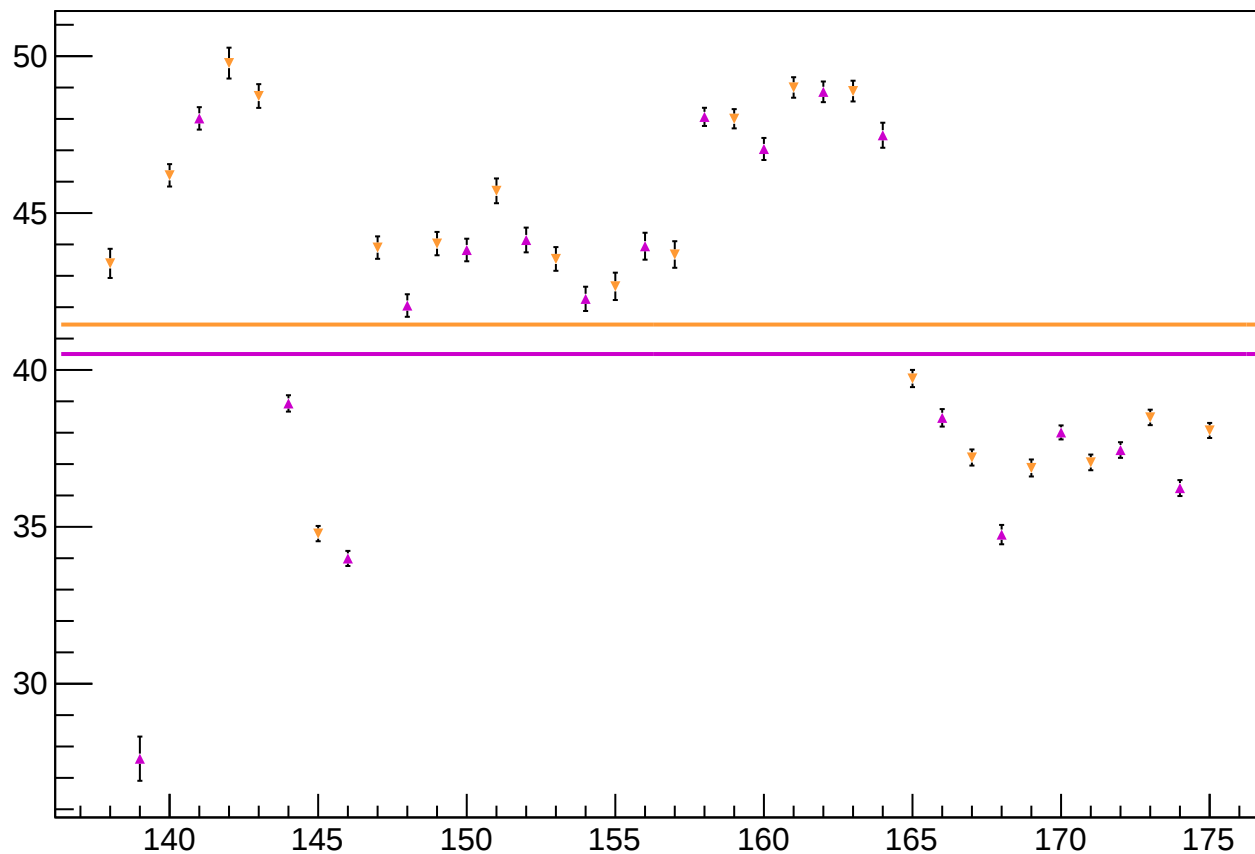
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.598+/-0.083 χ^2/NDF :5852.0/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.909+/-0.086 χ^2/NDF :5969.4/17

Left: 21.266+/-0.059 χ^2/NDF : 11855.0/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.909+/-0.086 χ^2/NDF :5969.4/17
 Out: 21.598+/-0.083 χ^2/NDF :5852.0/19
 All: 21.266+/-0.059 χ^2/NDF : 11855.0/37

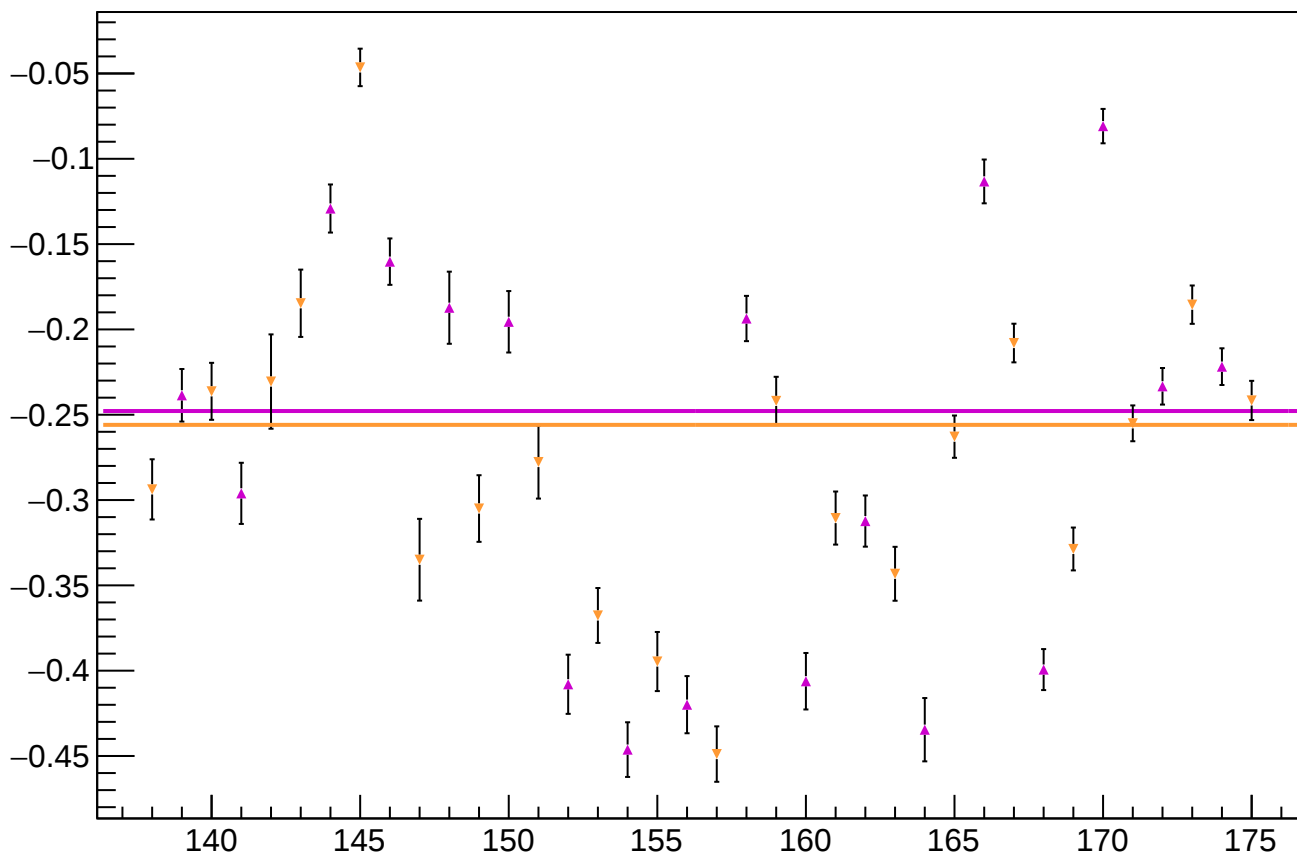
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.447+/-0.071 χ^2/NDF : 4621.1/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.508+/-0.073 χ^2/NDF : 4756.0/17

Left: 40.995+/-0.051 χ^2/NDF : 9462.3/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.508+/-0.073 χ^2/NDF : 4756.0/17
 Out: 41.447+/-0.071 χ^2/NDF : 4621.1/19
 All: 40.995+/-0.051 χ^2/NDF : 9462.3/37

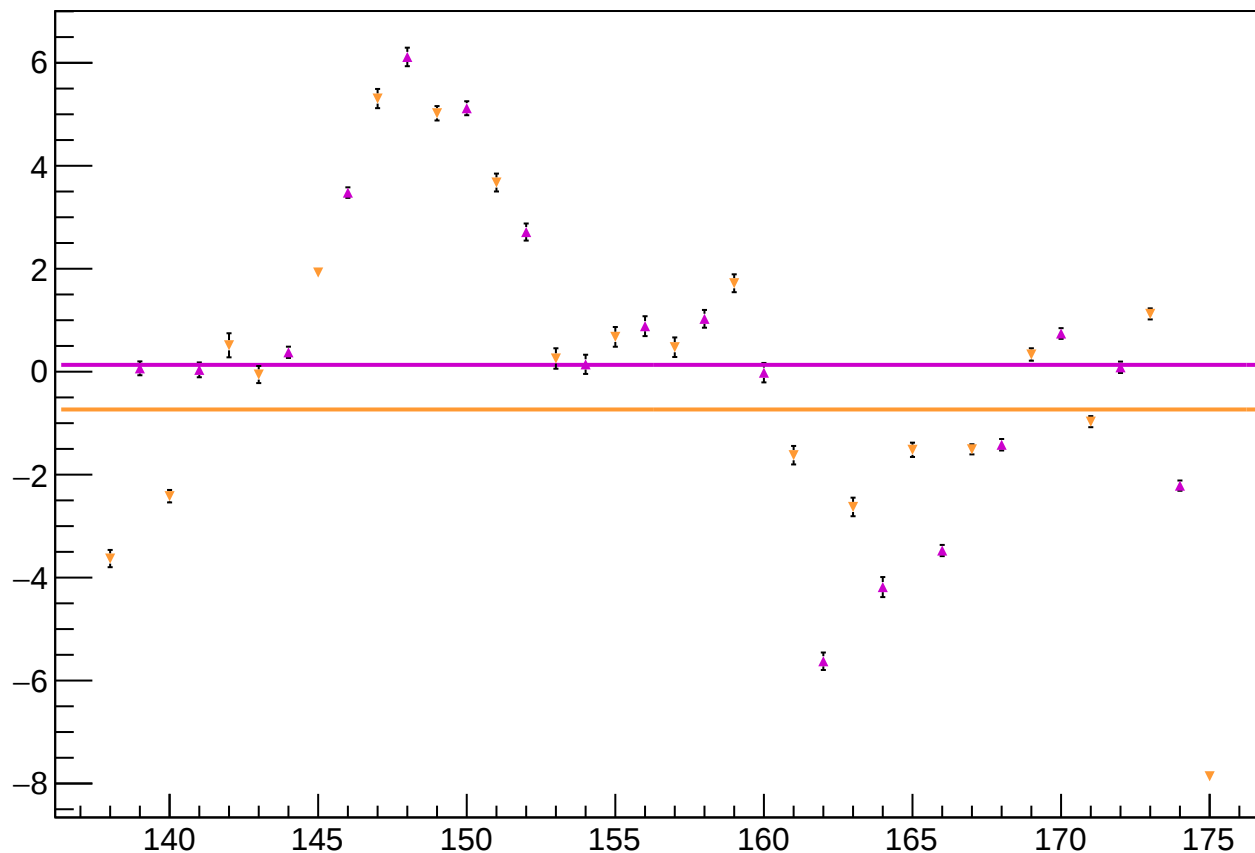
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.256+/-0.003 χ^2/NDF : 791.6/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.248+/-0.003 χ^2/NDF : 1260.1/17

Left: -0.252+/-0.002 χ^2/NDF : 2054.8/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.248+/-0.003 χ^2/NDF : 1260.1/17
 Out: -0.256+/-0.003 χ^2/NDF : 791.6/19
 All: -0.252+/-0.002 χ^2/NDF : 2054.8/37

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



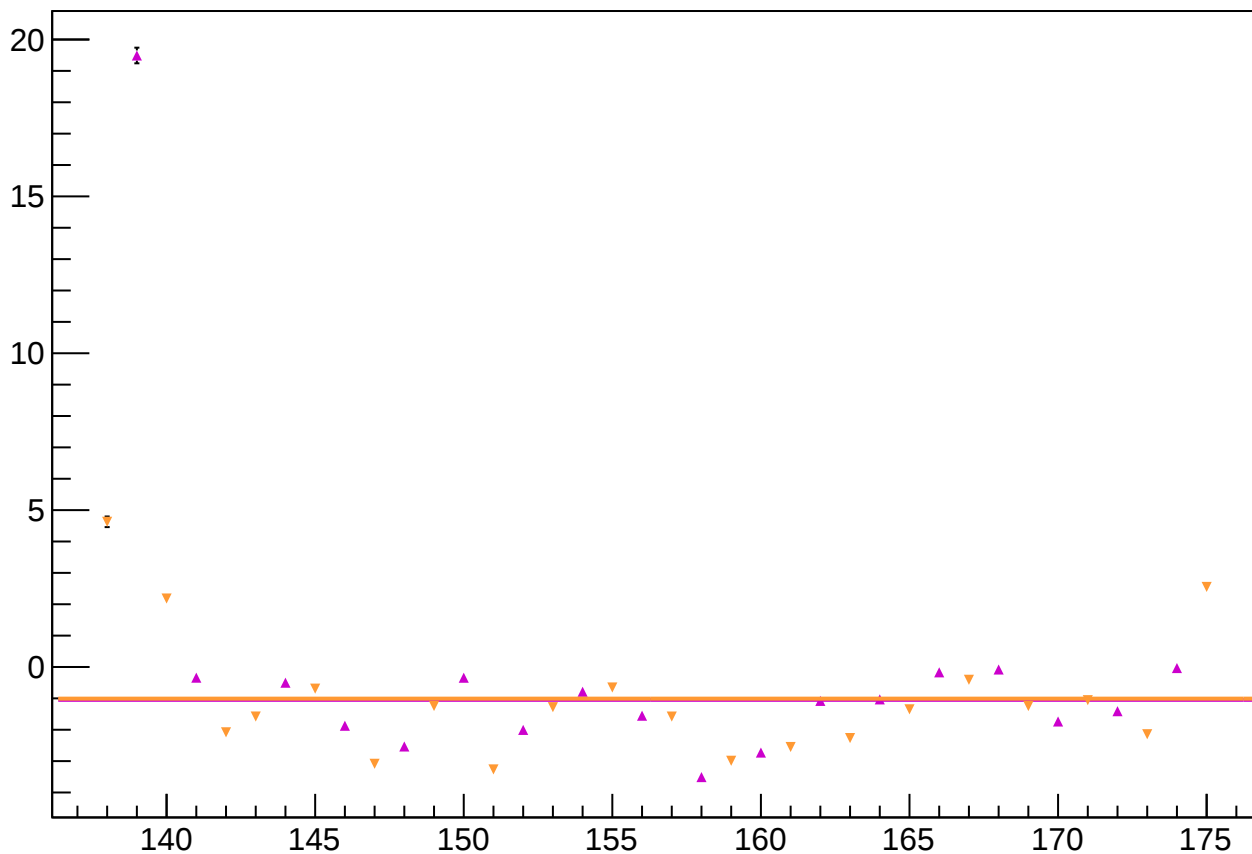
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.734+/-0.030 χ^2/NDF :12274.8/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.133+/-0.031 χ^2/NDF :7332.9/17

Left: -0.314+/-0.022 χ^2/NDF : 20003.1/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.133+/-0.031 χ^2/NDF :7332.9/17
 Out: -0.734+/-0.030 χ^2/NDF :12274.8/19

All: -0.314+/-0.022 χ^2/NDF : 20003.1/37

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



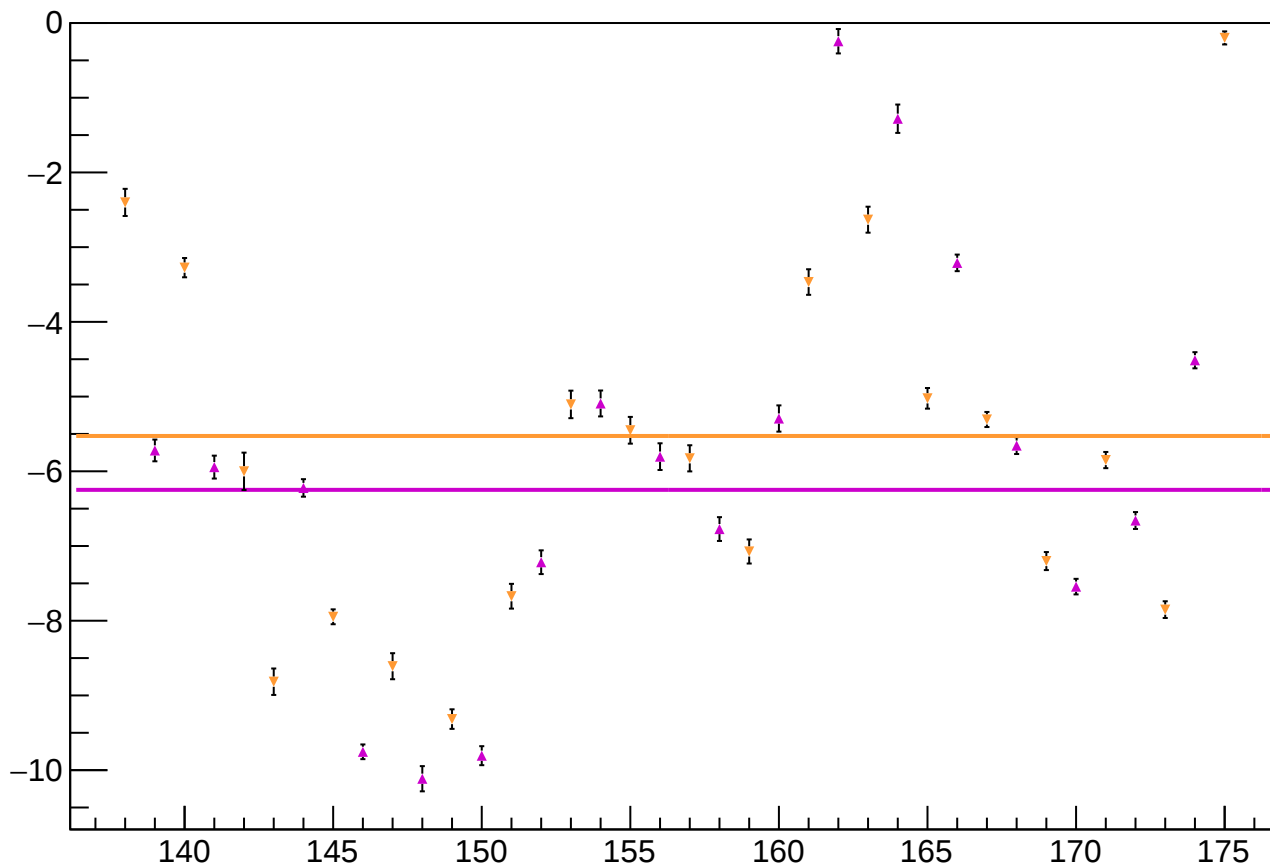
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.009+/-0.023 χ^2/NDF : 5836.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.046+/-0.024 χ^2/NDF : 8481.9/17

Left: -1.027+/-0.016 χ^2/NDF : 14320.0/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.046+/-0.024 χ^2/NDF : 8481.9/17
 Out: -1.009+/-0.023 χ^2/NDF : 5836.9/19

All: -1.027+/-0.016 χ^2/NDF : 14320.0/37

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



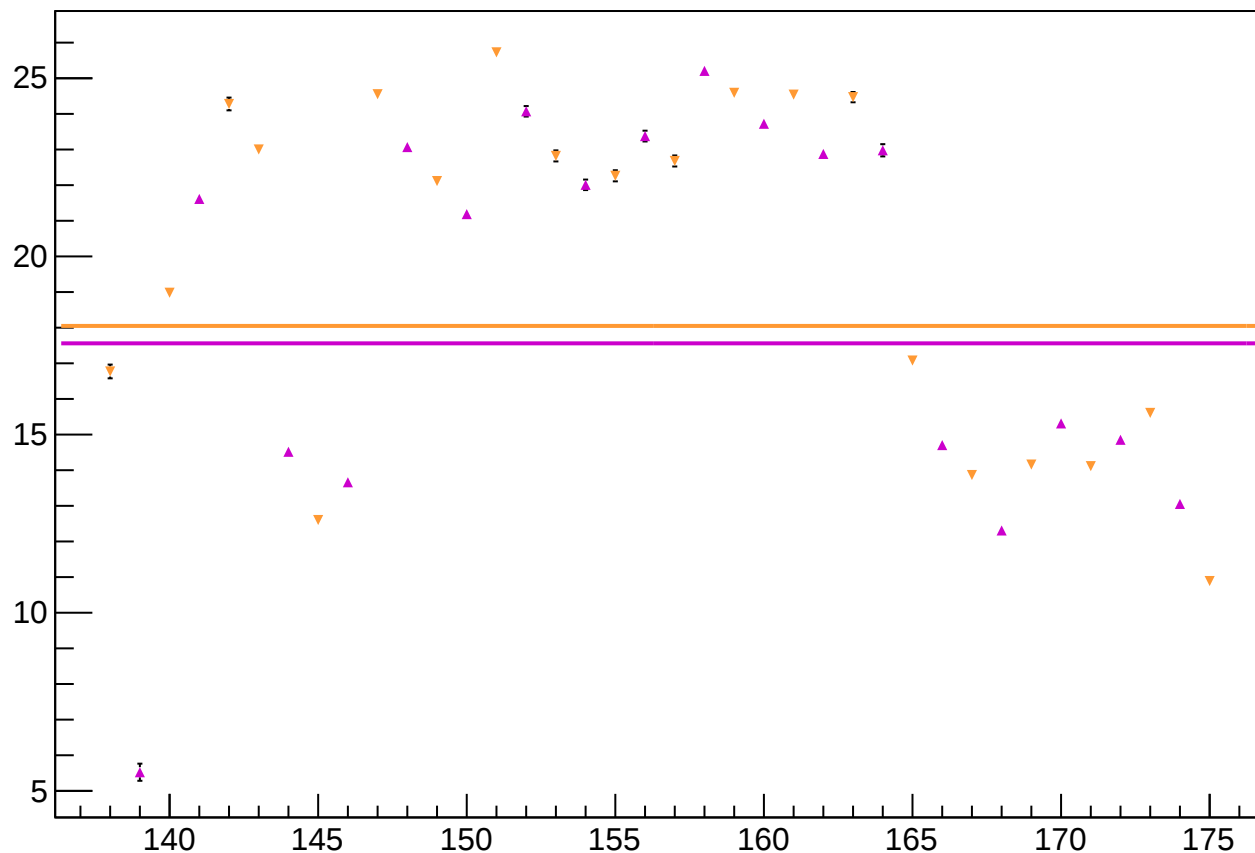
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.527+/-0.030 χ^2/NDF : 7736.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.248+/-0.031 χ^2/NDF : 5961.4/17

Left: -5.877+/-0.022 χ^2/NDF : 13970.5/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.248+/-0.031 χ^2/NDF : 5961.4/17
 Out: -5.527+/-0.030 χ^2/NDF : 7736.3/19

All: -5.877+/-0.022 χ^2/NDF : 13970.5/37

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 18.049+/-0.026 χ^2/NDF :36582.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.560+/-0.027 χ^2/NDF :29506.1/17

Left: 17.813+/-0.019 χ^2/NDF : 66259.0/37

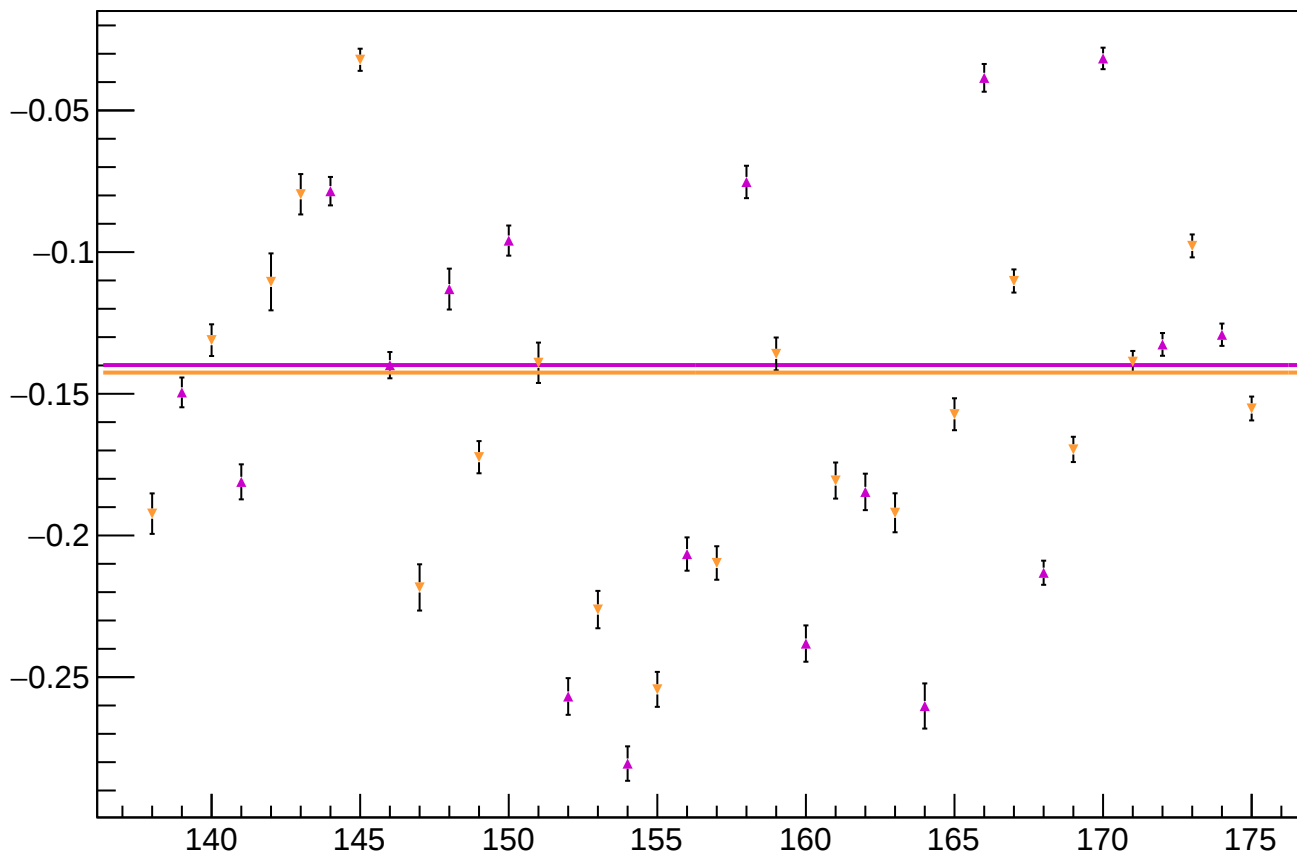
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.560+/-0.027 χ^2/NDF :29506.1/17

Out: 18.049+/-0.026 χ^2/NDF :36582.6/19

All: 17.813+/-0.019 χ^2/NDF : 66259.0/37

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.143+/-0.001 χ^2/NDF :1998.9/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.140+/-0.001 χ^2/NDF :3457.1/17

Left: -0.141+/-0.001 χ^2/NDF : 5458.4/37

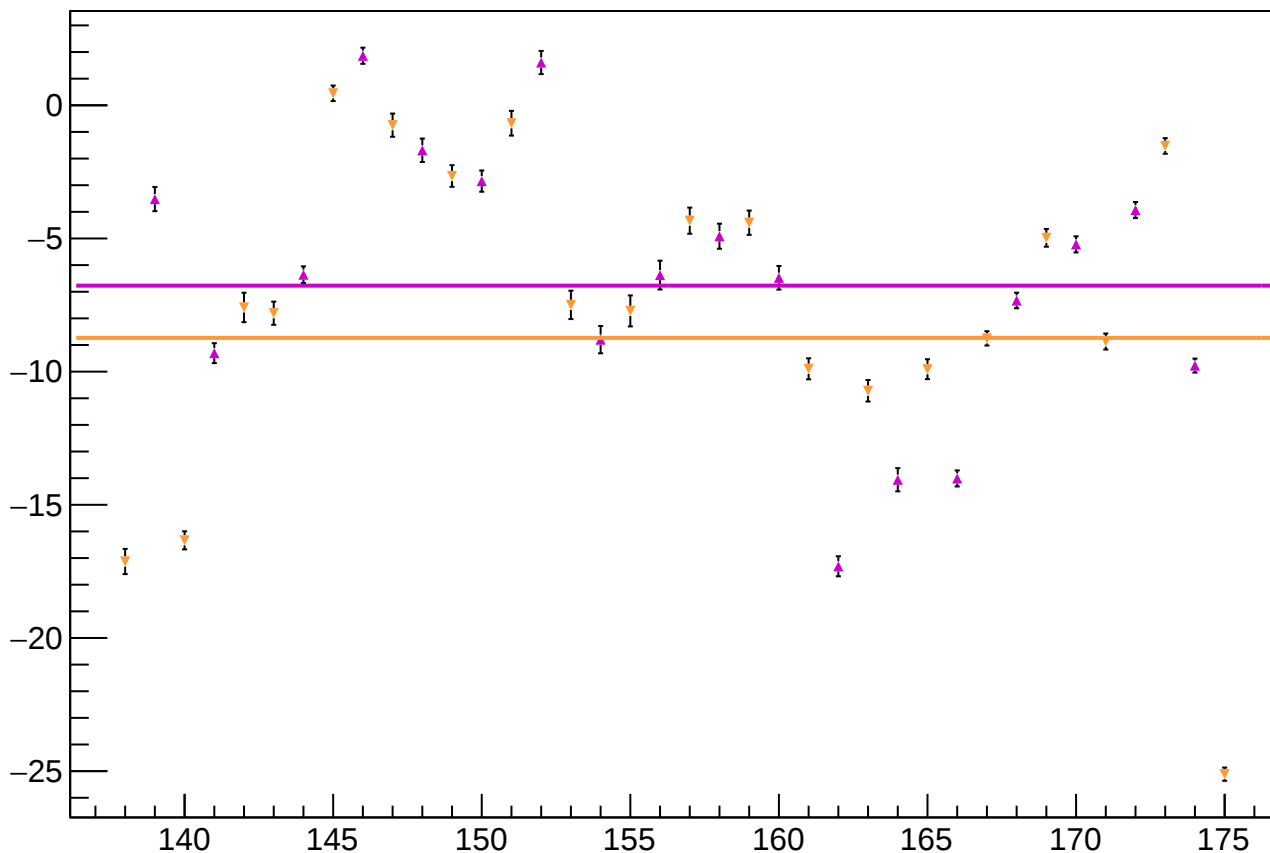
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.140+/-0.001 χ^2/NDF :3457.1/17

Out: -0.143+/-0.001 χ^2/NDF :1998.9/19

All: -0.141+/-0.001 χ^2/NDF : 5458.4/37

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



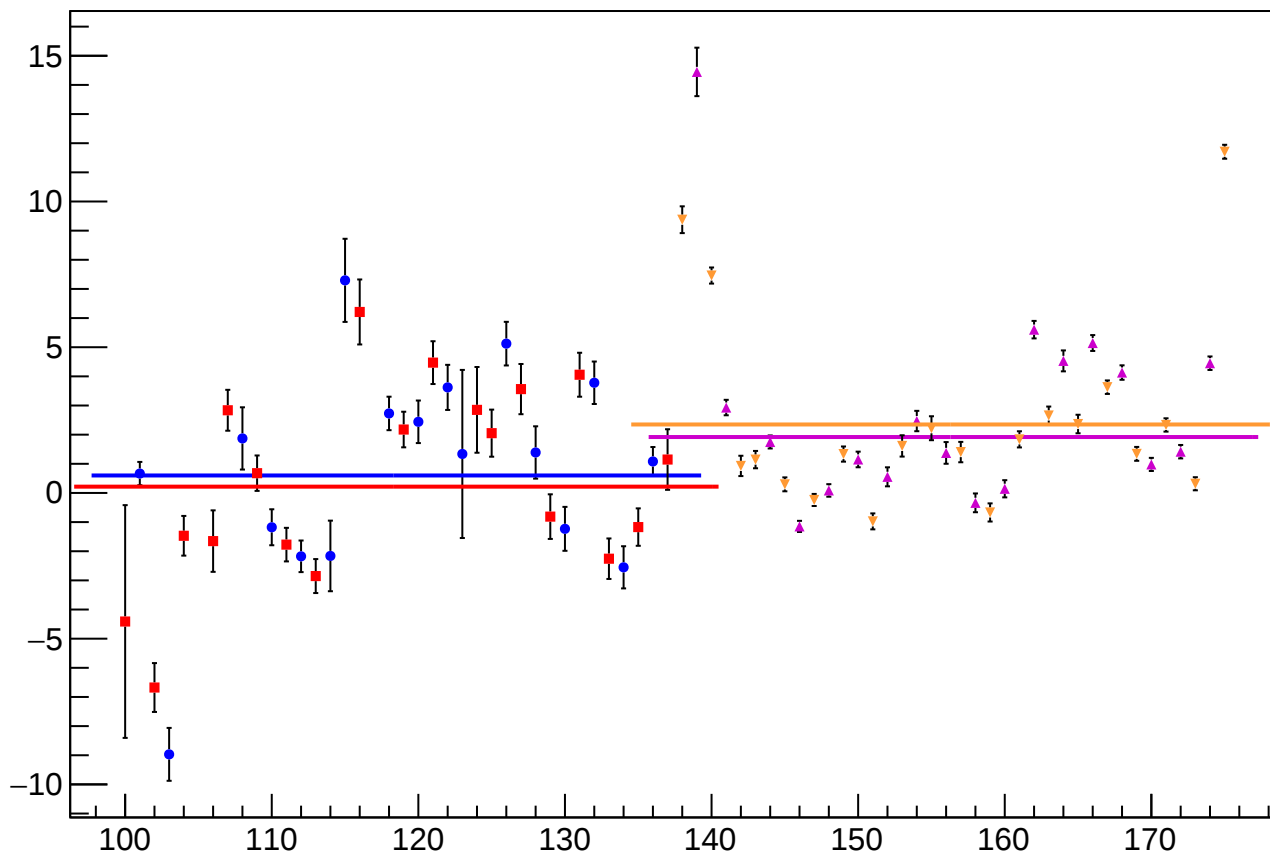
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -8.731 ± 0.083 $\chi^2/\text{NDF}: 7946.1/19$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.771 ± 0.085 $\chi^2/\text{NDF}: 3429.3/17$

Left: -7.779 ± 0.059 $\chi^2/\text{NDF}: 11648.0/37$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -6.771 ± 0.085 $\chi^2/\text{NDF}: 3429.3/17$
 Out: -8.731 ± 0.083 $\chi^2/\text{NDF}: 7946.1/19$

All: -7.779 ± 0.059 $\chi^2/\text{NDF}: 11648.0/37$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 2.349 $\pm$ 0.061 χ^2 /NDF:2773.3/19

Right Out: 0.216 $\pm$ 0.175 χ^2 /NDF: 274.5/18

Left In: 1.919 $\pm$ 0.063 χ^2 /NDF:1252.9/17

Left: 2.140 $\pm$ 0.044 χ^2 /NDF: 4050.1/37

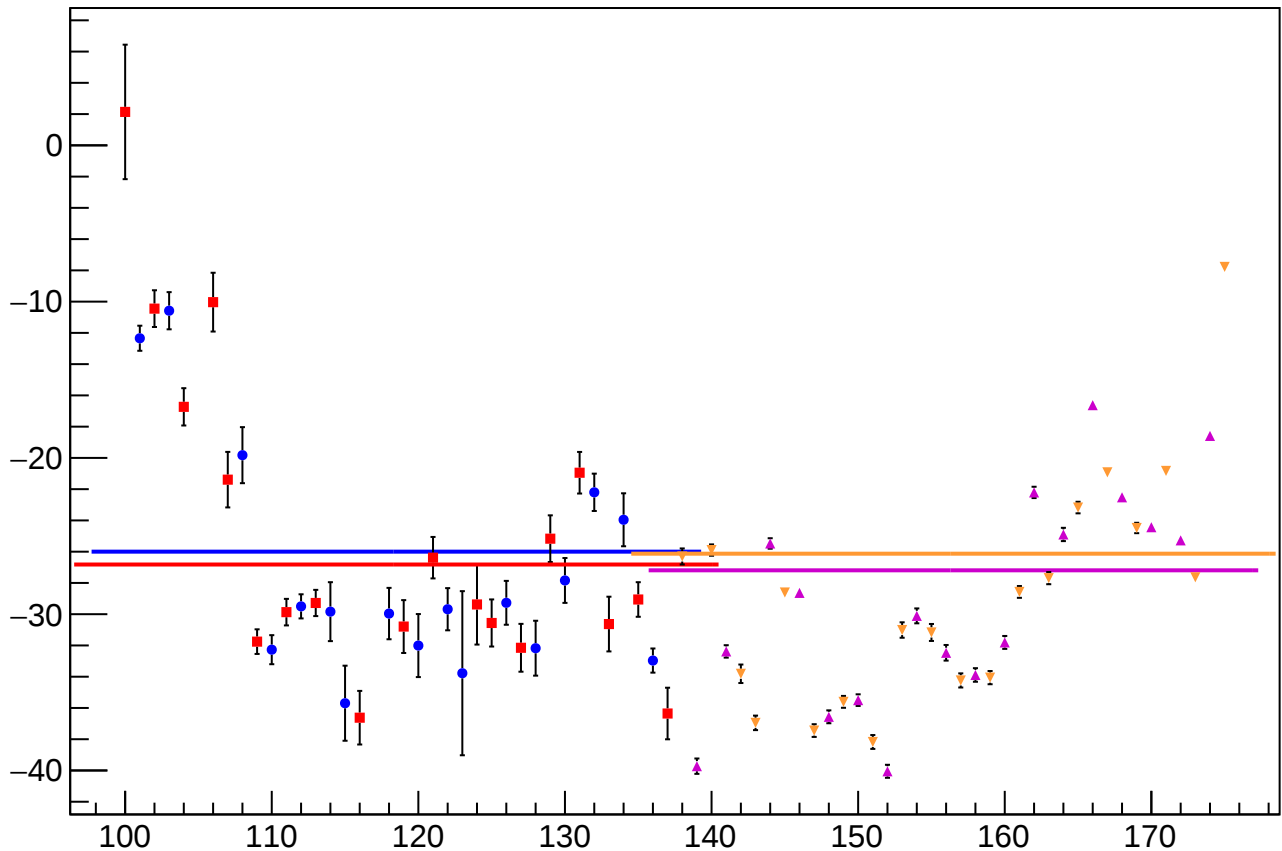
Right: 0.414 $\pm$ 0.122 χ^2 /NDF: 568.9/35

In: 1.757 $\pm$ 0.059 χ^2 /NDF:1598.1/34

Out: 2.114 $\pm$ 0.058 χ^2 /NDF:3180.6/38

All: 1.939 $\pm$ 0.041 χ^2 /NDF: 4797.3/73

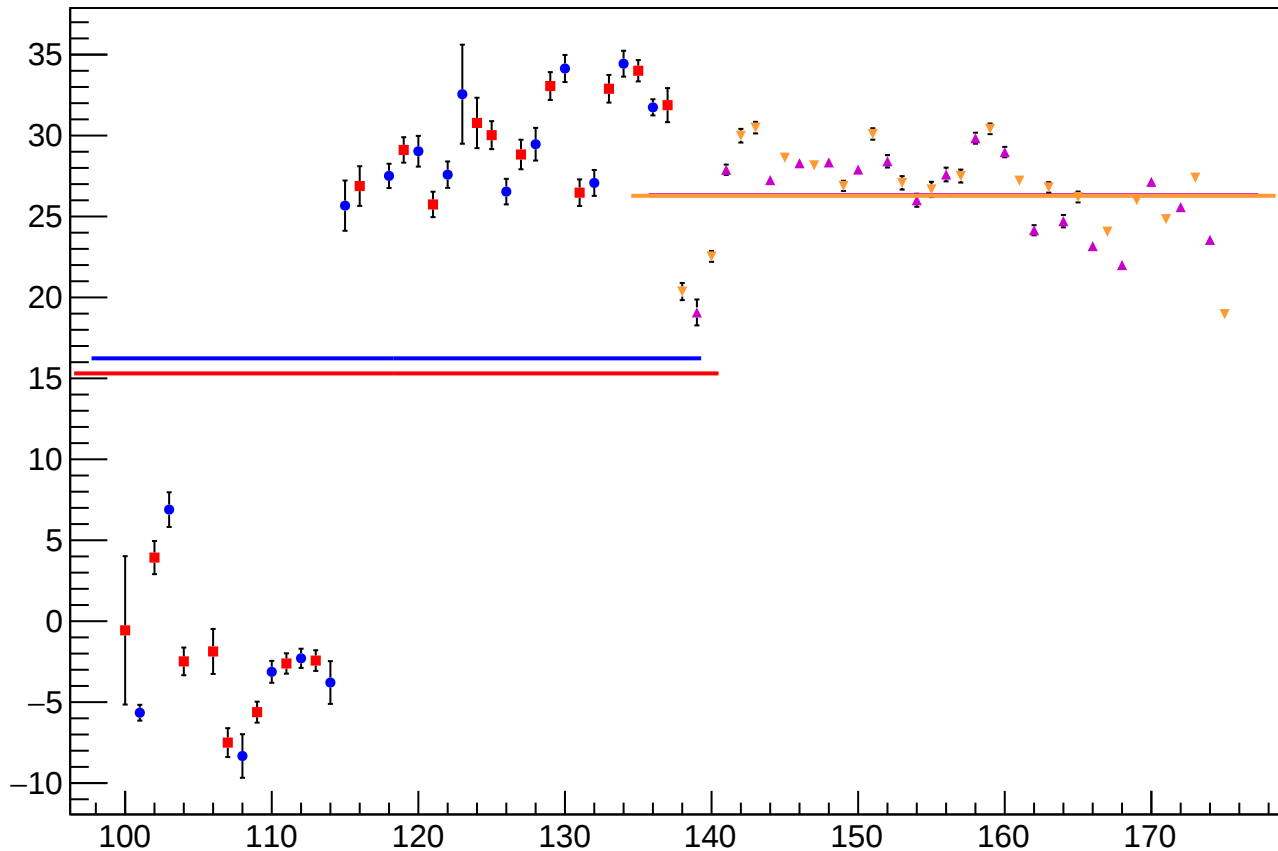
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16
 Left Out: -26.129 ± 0.083 χ^2/NDF : 10003.2/19
 Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18
 Left In: -27.193 ± 0.085 χ^2/NDF : 6034.7/17

Left: -26.646 ± 0.059 χ^2/NDF : 16118.3/37
 Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35
 In: -27.104 ± 0.082 χ^2/NDF : 6742.0/34
 Out: -26.179 ± 0.080 χ^2/NDF : 10589.1/38
 All: -26.629 ± 0.057 χ^2/NDF : 17396.8/73

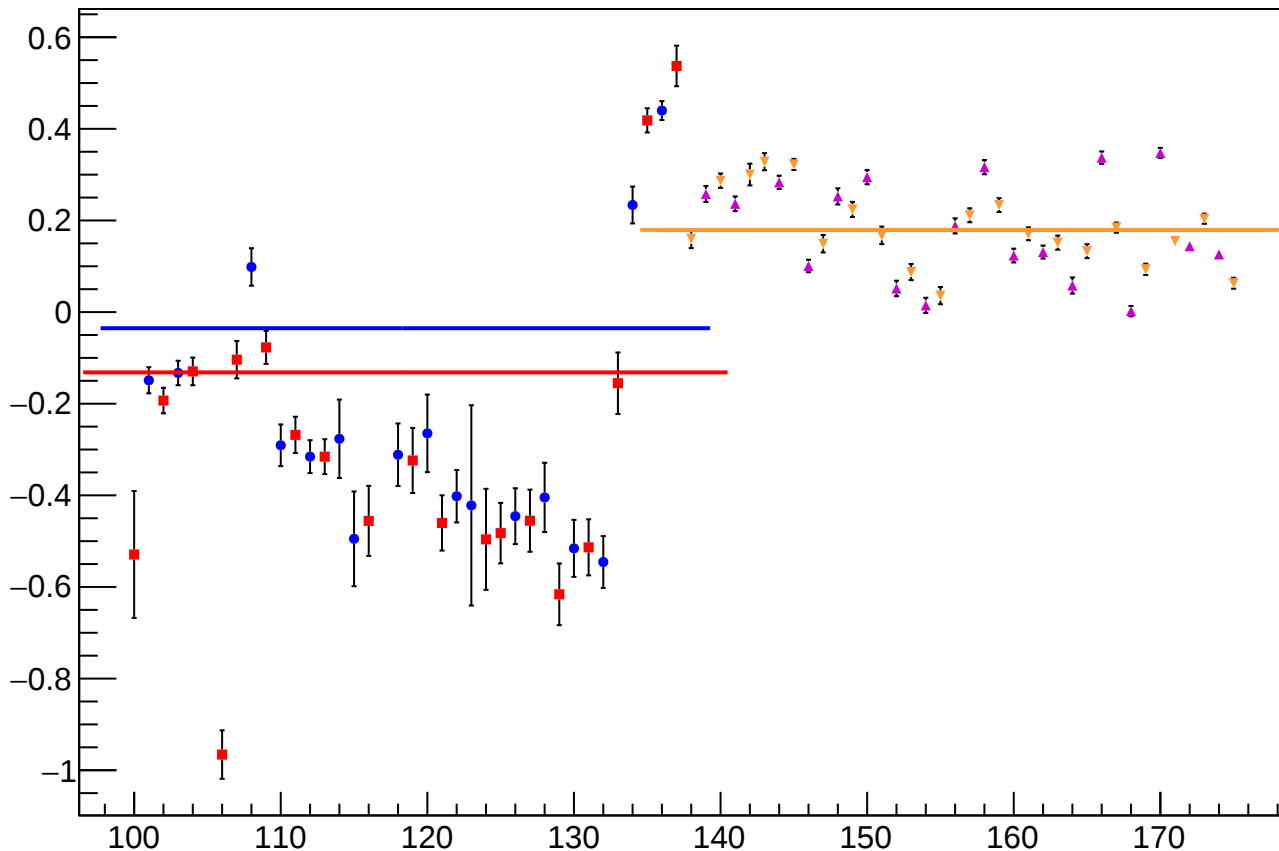
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 26.280 $\pm$ 0.070 χ^2 /NDF:1865.9/19
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 26.320 $\pm$ 0.072 χ^2 /NDF:1026.0/17

Left: 26.299 $\pm$ 0.050 χ^2 /NDF: 2892.1/37
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 25.059 $\pm$ 0.068 χ^2 /NDF:11034.4/34
 Out: 25.045 $\pm$ 0.066 χ^2 /NDF:11892.3/38
 All: 25.052 $\pm$ 0.047 χ^2 /NDF: 22926.7/73

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.179 ± 0.003 χ^2/NDF : 555.3/19

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.179 ± 0.003 χ^2/NDF : 1147.0/17

Left: 0.179 ± 0.002 χ^2/NDF : 1702.3/37

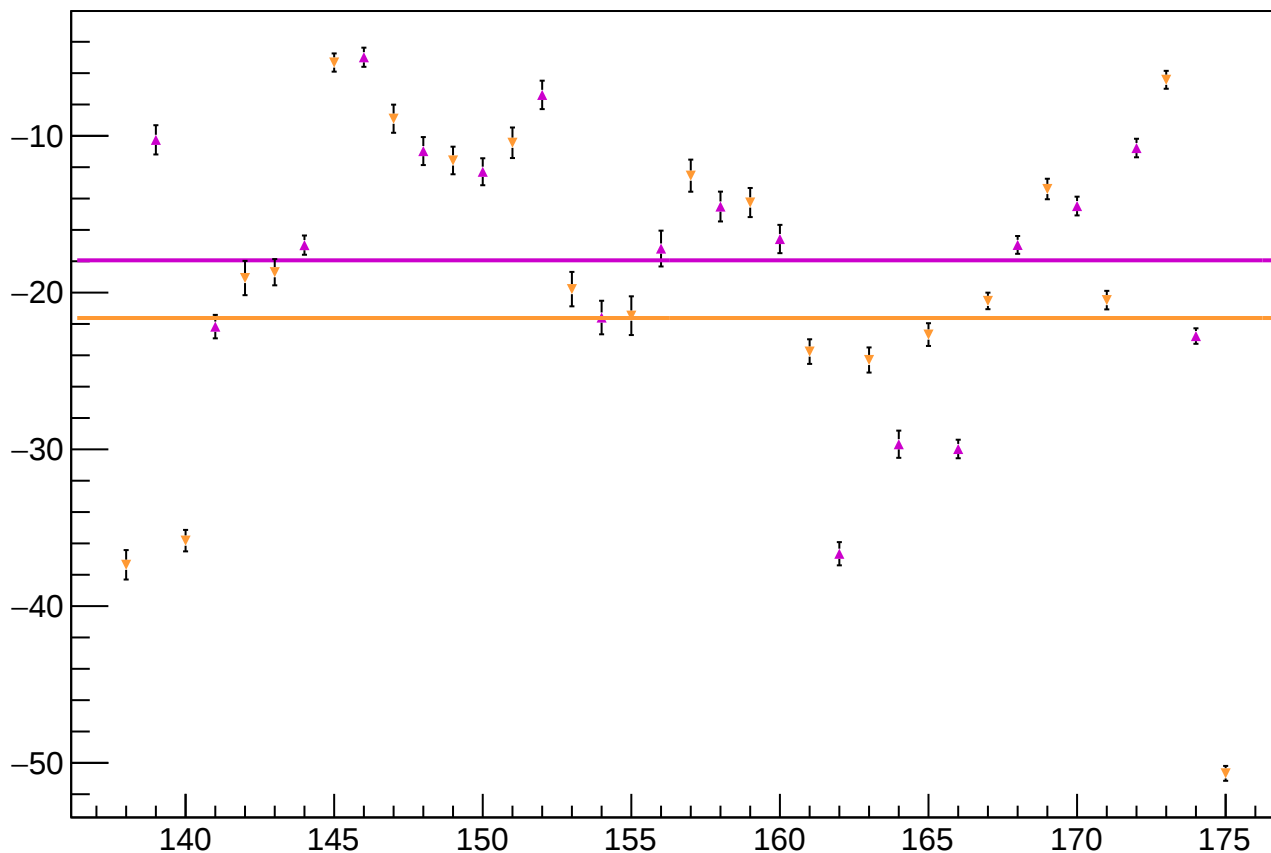
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.159 ± 0.003 χ^2/NDF : 2551.5/34

Out: 0.151 ± 0.003 χ^2/NDF : 2544.8/38

All: 0.155 ± 0.002 χ^2/NDF : 5099.4/73

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.620+/-0.164 χ^2/NDF : 6762.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.941+/-0.169 χ^2/NDF : 2333.6/17

Left: -19.835+/-0.118 χ^2/NDF : 9339.5/37

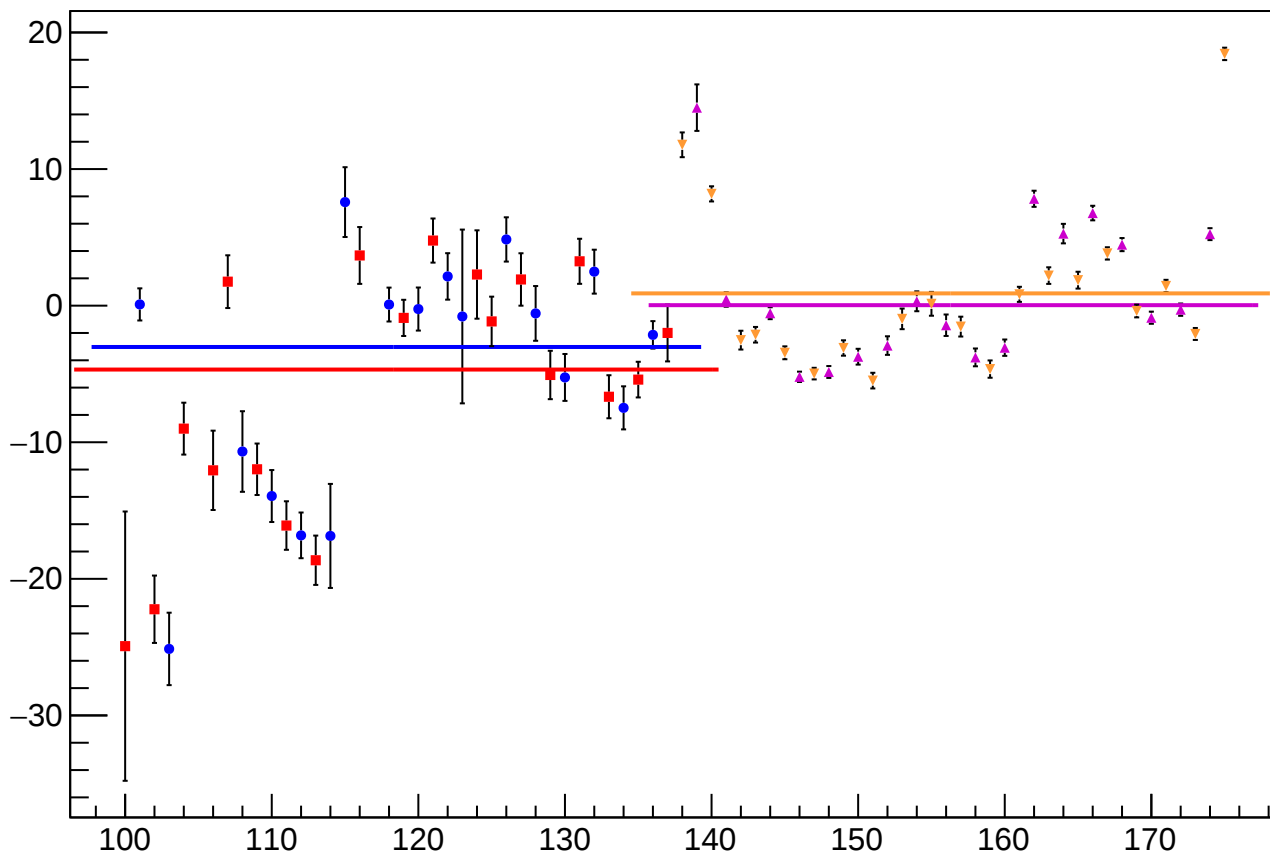
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.941+/-0.169 χ^2/NDF : 2333.6/17

Out: -21.620+/-0.164 χ^2/NDF : 6762.5/19

All: -19.835+/-0.118 χ^2/NDF : 9339.5/37

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 0.898 ± 0.123 χ^2/NDF : 2501.9/19

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 0.035 ± 0.126 χ^2/NDF : 1139.5/17

Left: 0.478 ± 0.088 χ^2/NDF : 3665.5/37

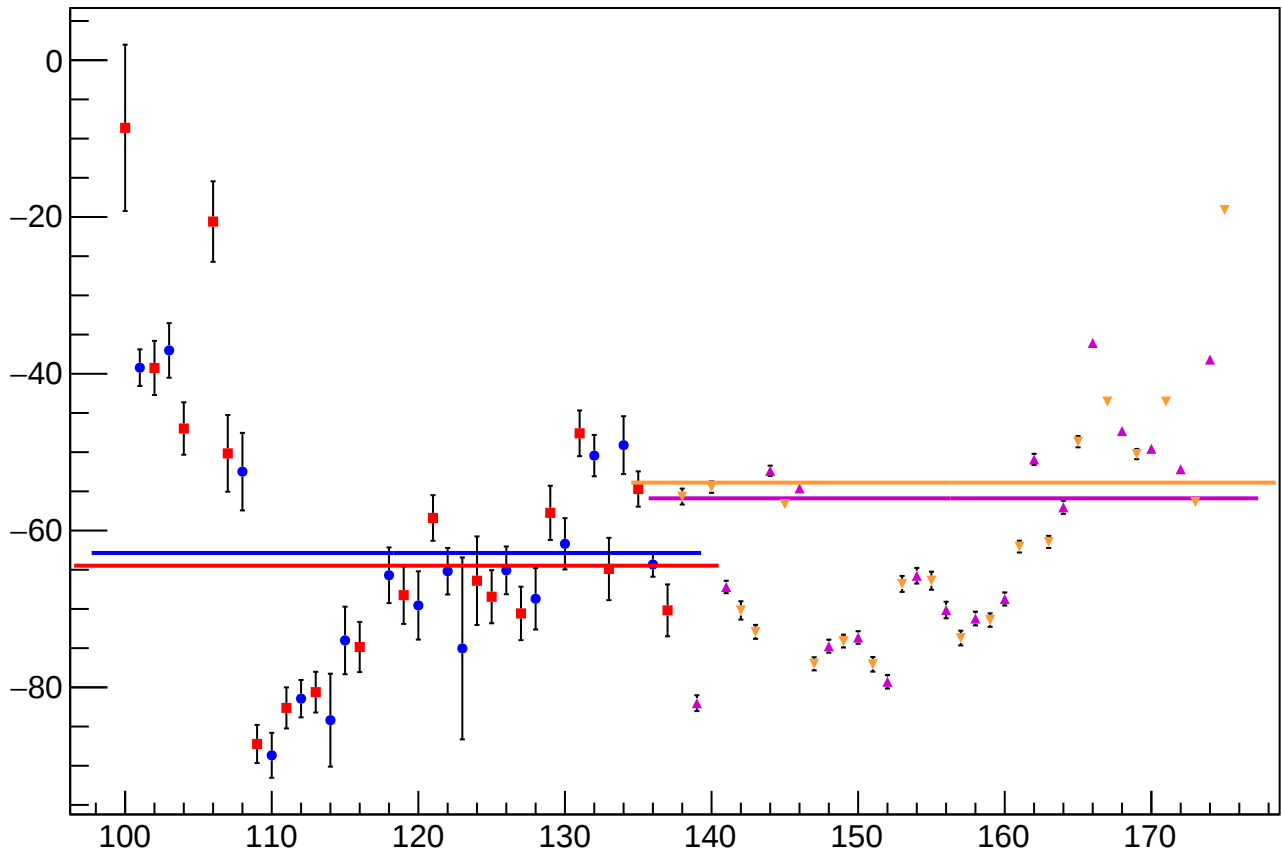
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -0.231 ± 0.120 χ^2/NDF : 1471.5/34

Out: 0.471 ± 0.118 χ^2/NDF : 2959.1/38

All: 0.127 ± 0.084 χ^2/NDF : 4447.9/73

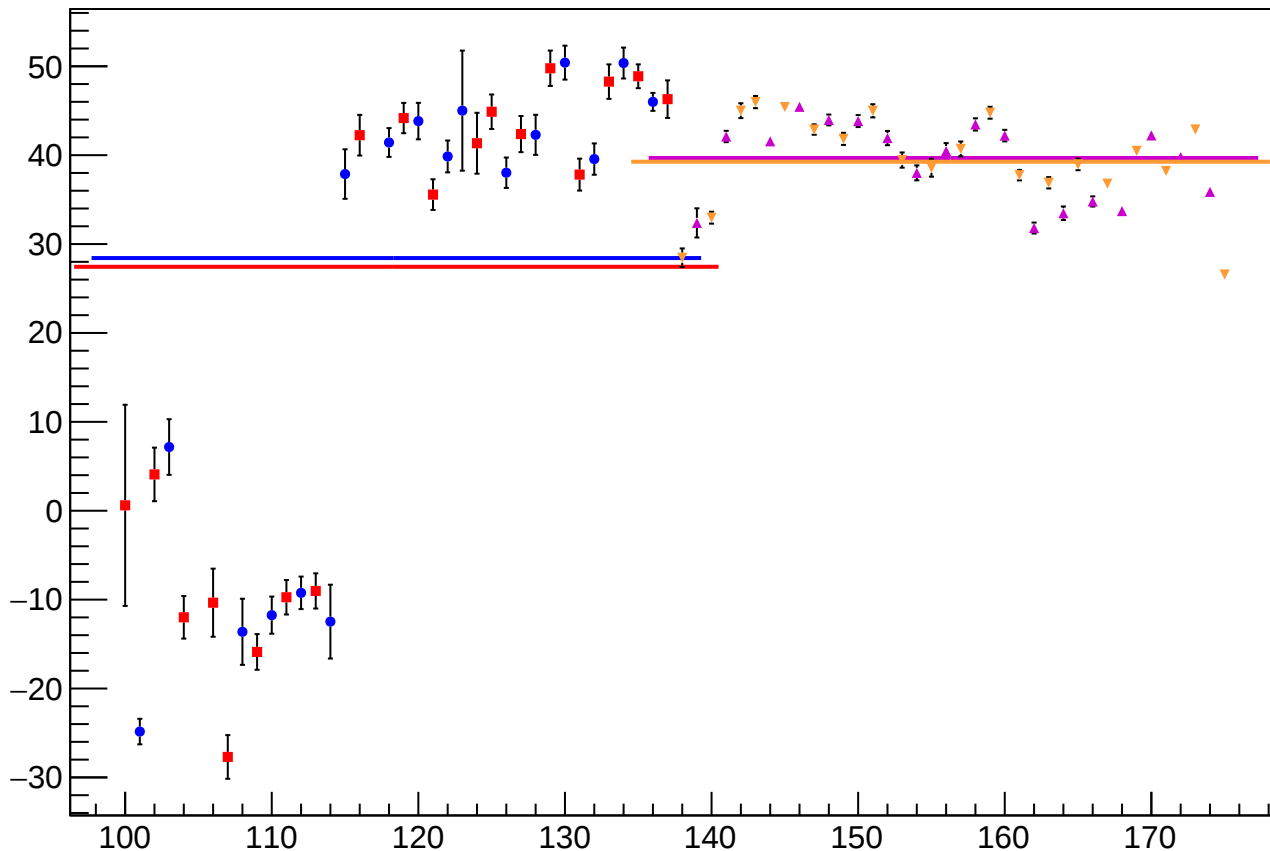
reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$
 Left Out: -53.885 ± 0.165 $\chi^2/\text{NDF}: 10120.9/19$
 Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$
 Left In: -55.889 ± 0.169 $\chi^2/\text{NDF}: 6039.9/17$

Left: -54.858 ± 0.118 $\chi^2/\text{NDF}: 16232.7/37$
 Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$
 In: -56.237 ± 0.165 $\chi^2/\text{NDF}: 6492.1/34$
 Out: -54.371 ± 0.161 $\chi^2/\text{NDF}: 10754.7/38$
 All: -55.279 ± 0.115 $\chi^2/\text{NDF}: 17312.4/73$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 39.262 $\pm$ 0.140 χ^2 /NDF:1466.0/19

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 39.686 $\pm$ 0.144 χ^2 /NDF:852.9/17

Left: 39.467 $\pm$ 0.100 χ^2 /NDF: 2323.4/37

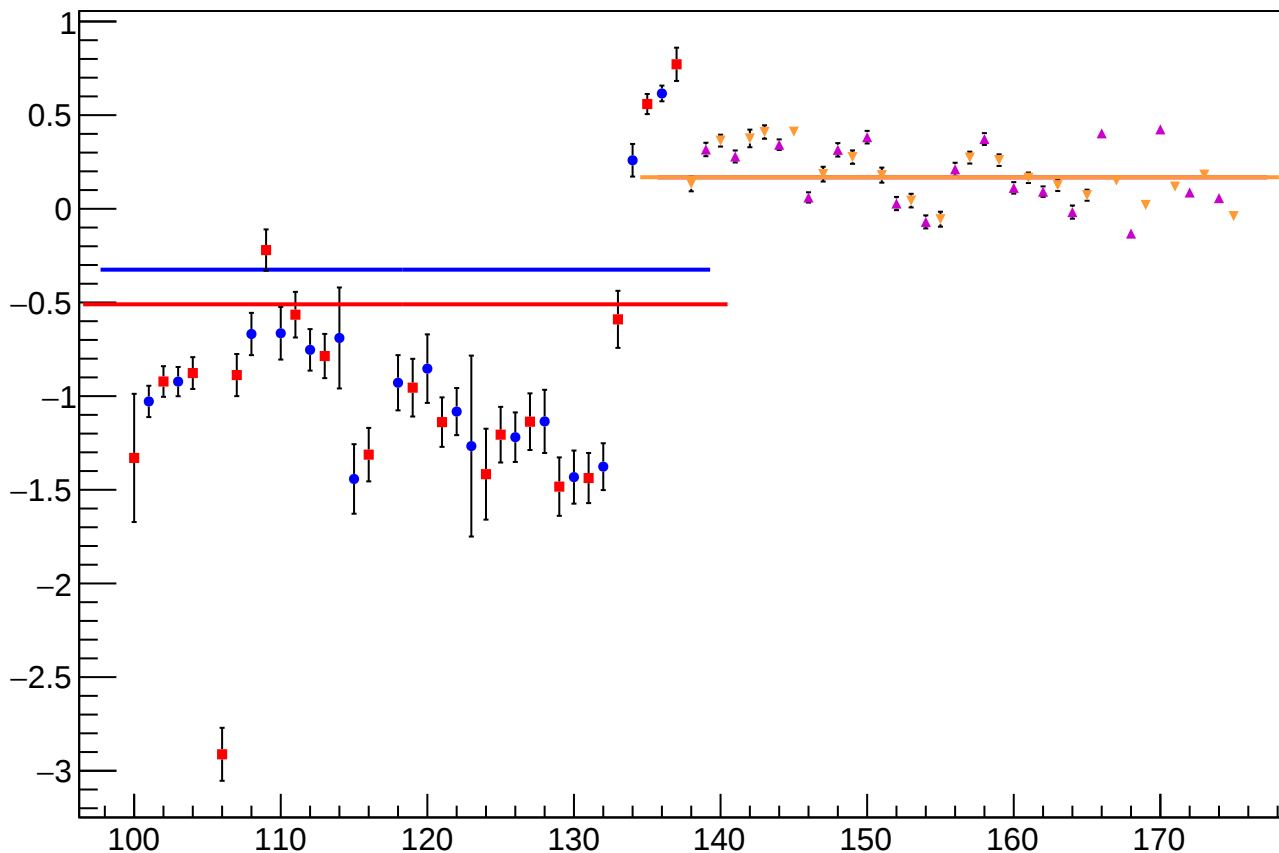
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.672 $\pm$ 0.137 χ^2 /NDF:4725.8/34

Out: 38.333 $\pm$ 0.134 χ^2 /NDF:5061.8/38

All: 38.498 $\pm$ 0.096 χ^2 /NDF: 9790.7/73

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.169 ± 0.007 χ^2/NDF : 415.9/19

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.168 ± 0.007 χ^2/NDF : 735.6/17

Left: 0.168 ± 0.005 χ^2/NDF : 1151.5/37

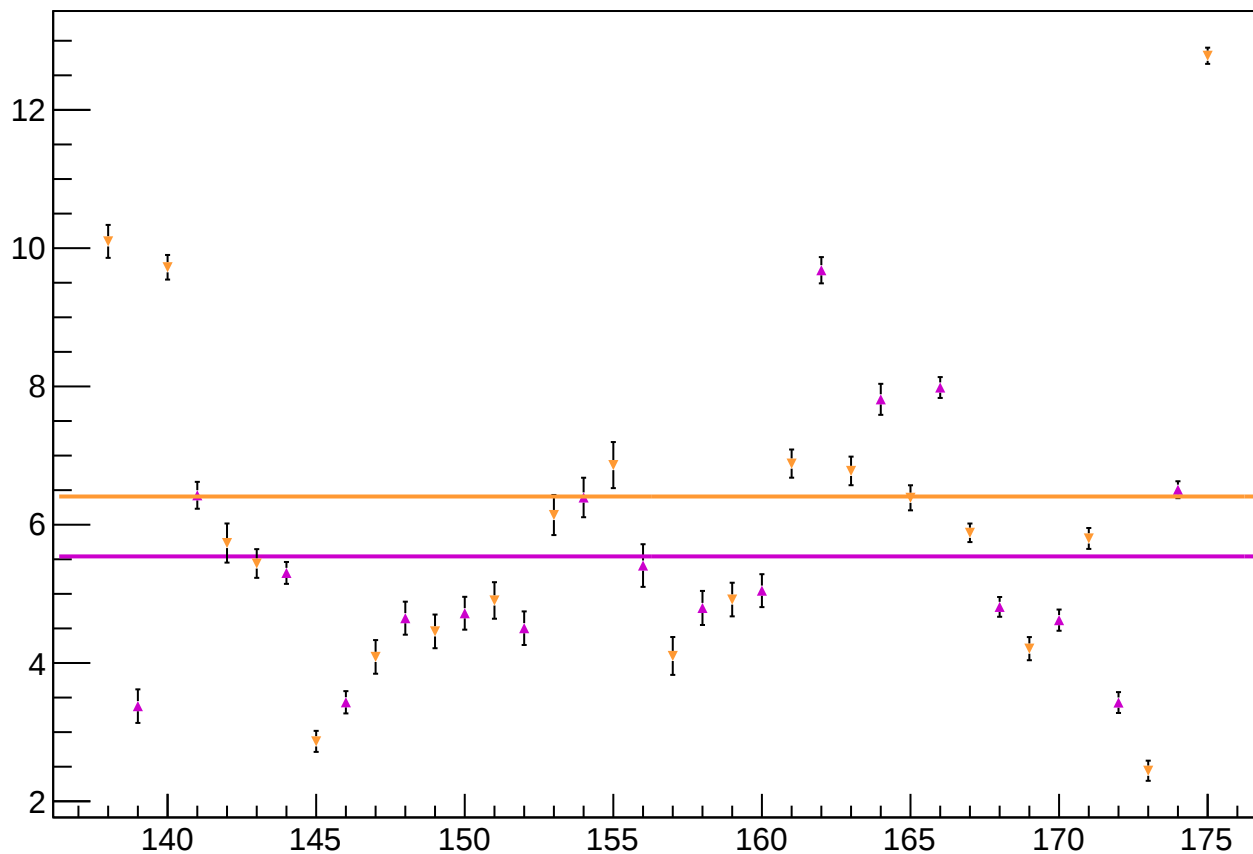
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.135 ± 0.006 χ^2/NDF : 2112.6/34

Out: 0.128 ± 0.006 χ^2/NDF : 2240.1/38

All: 0.132 ± 0.004 χ^2/NDF : 4353.4/73

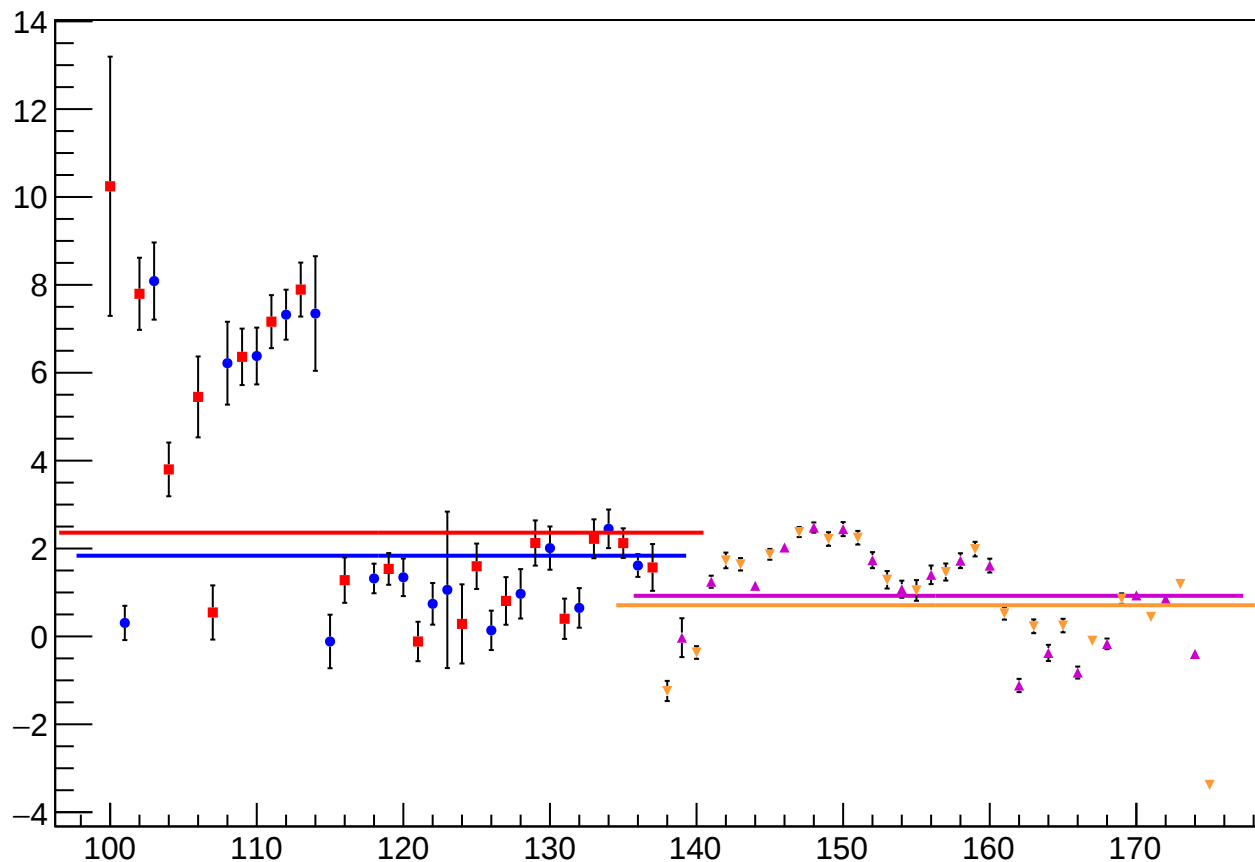
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.408 $\pm$ 0.042 χ^2/NDF :5371.0/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 5.542 $\pm$ 0.044 χ^2/NDF :1501.3/17

Left: 5.989 $\pm$ 0.030 χ^2/NDF : 7075.5/37
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 5.542 $\pm$ 0.044 χ^2/NDF :1501.3/17
 Out: 6.408 $\pm$ 0.042 χ^2/NDF :5371.0/19
 All: 5.989 $\pm$ 0.030 χ^2/NDF : 7075.5/37

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 0.710 ± 0.032 χ^2/NDF : 2198.2/19

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 0.924 ± 0.033 χ^2/NDF : 1103.9/17

Left: 0.814 ± 0.023 χ^2/NDF : 3324.2/37

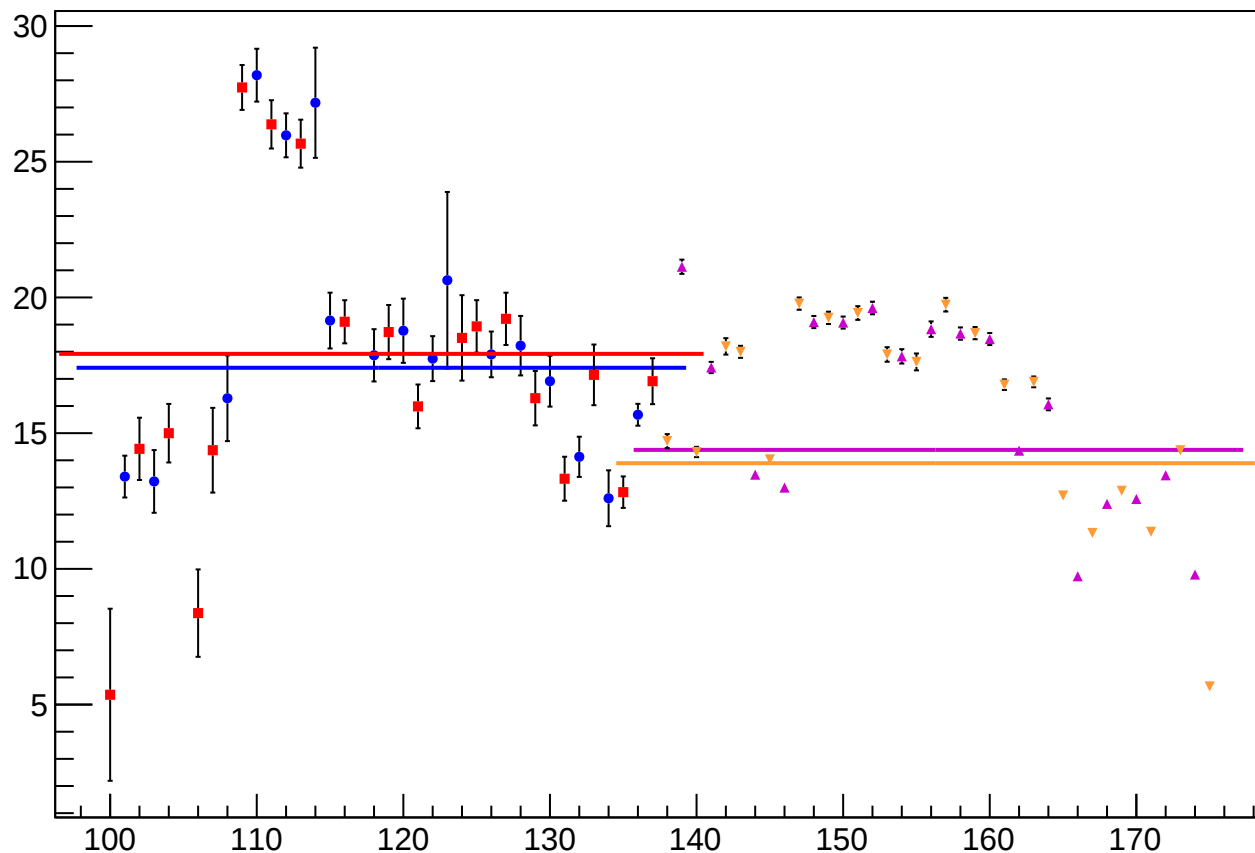
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 0.991 ± 0.031 χ^2/NDF : 1455.2/34

Out: 0.814 ± 0.031 χ^2/NDF : 2705.4/38

All: 0.901 ± 0.022 χ^2/NDF : 4176.7/73

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 13.894 $\pm$ 0.042 χ^2 /NDF:9684.1/19

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 14.384 $\pm$ 0.044 χ^2 /NDF:6025.5/17

Left: 14.131 $\pm$ 0.030 χ^2 /NDF: 15774.2/37

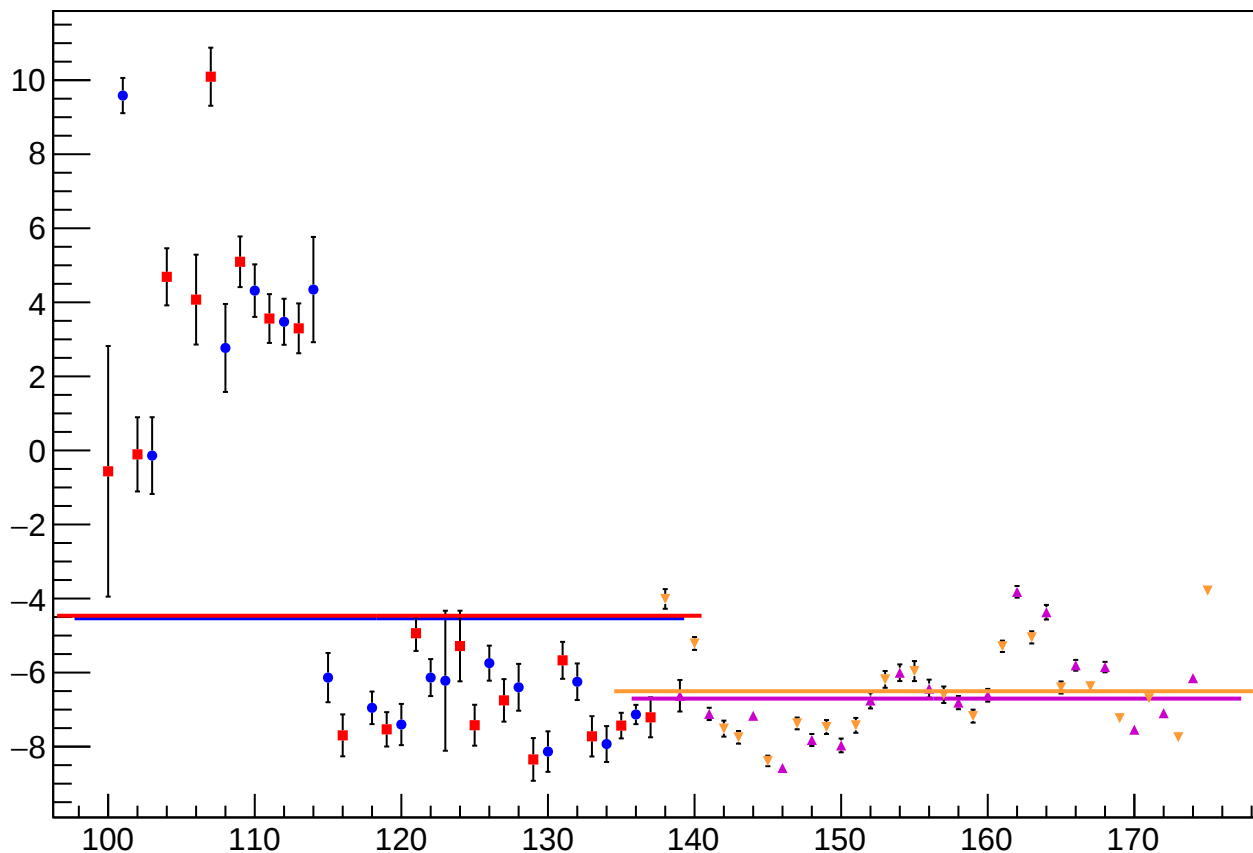
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 14.508 $\pm$ 0.043 χ^2 /NDF:6585.9/34

Out: 14.040 $\pm$ 0.042 χ^2 /NDF:10517.3/38

All: 14.267 $\pm$ 0.030 χ^2 /NDF: 17164.6/73

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 $\chi^2/\text{NDF}: 1588.4/16$

Left Out: -6.503 ± 0.036 $\chi^2/\text{NDF}: 1304.2/19$

Right Out: -4.465 ± 0.137 $\chi^2/\text{NDF}: 1340.6/18$

Left In: -6.703 ± 0.037 $\chi^2/\text{NDF}: 978.8/17$

Left: -6.600 ± 0.026 $\chi^2/\text{NDF}: 2297.8/37$

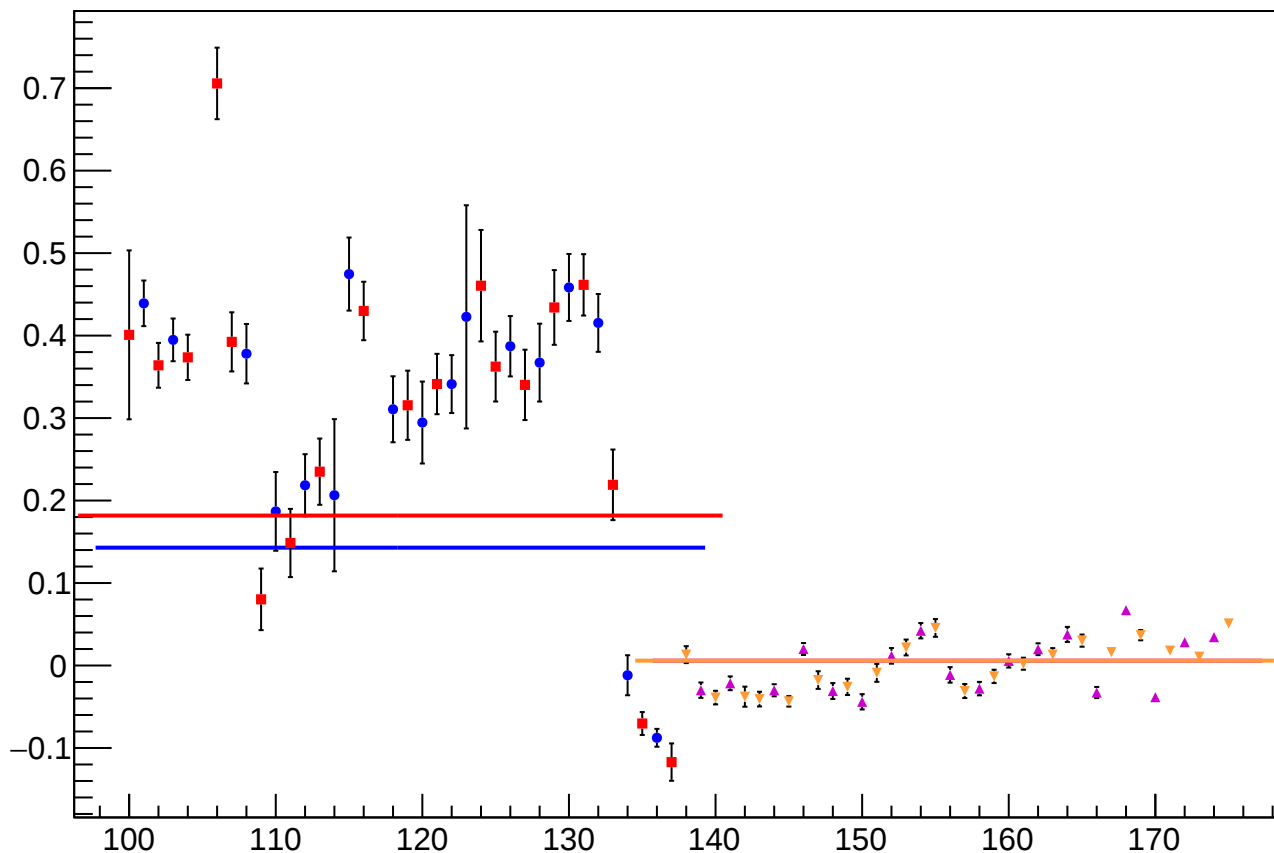
Right: -4.501 ± 0.094 $\chi^2/\text{NDF}: 2929.2/35$

In: -6.537 ± 0.036 $\chi^2/\text{NDF}: 2825.9/34$

Out: -6.371 ± 0.035 $\chi^2/\text{NDF}: 2852.5/38$

All: -6.452 ± 0.025 $\chi^2/\text{NDF}: 5689.4/73$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.006 $\pm$ 0.002 χ^2 /NDF:298.6/19

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.006 $\pm$ 0.002 χ^2 /NDF:419.1/17

Left: 0.006 $\pm$ 0.001 χ^2 /NDF: 717.7/37

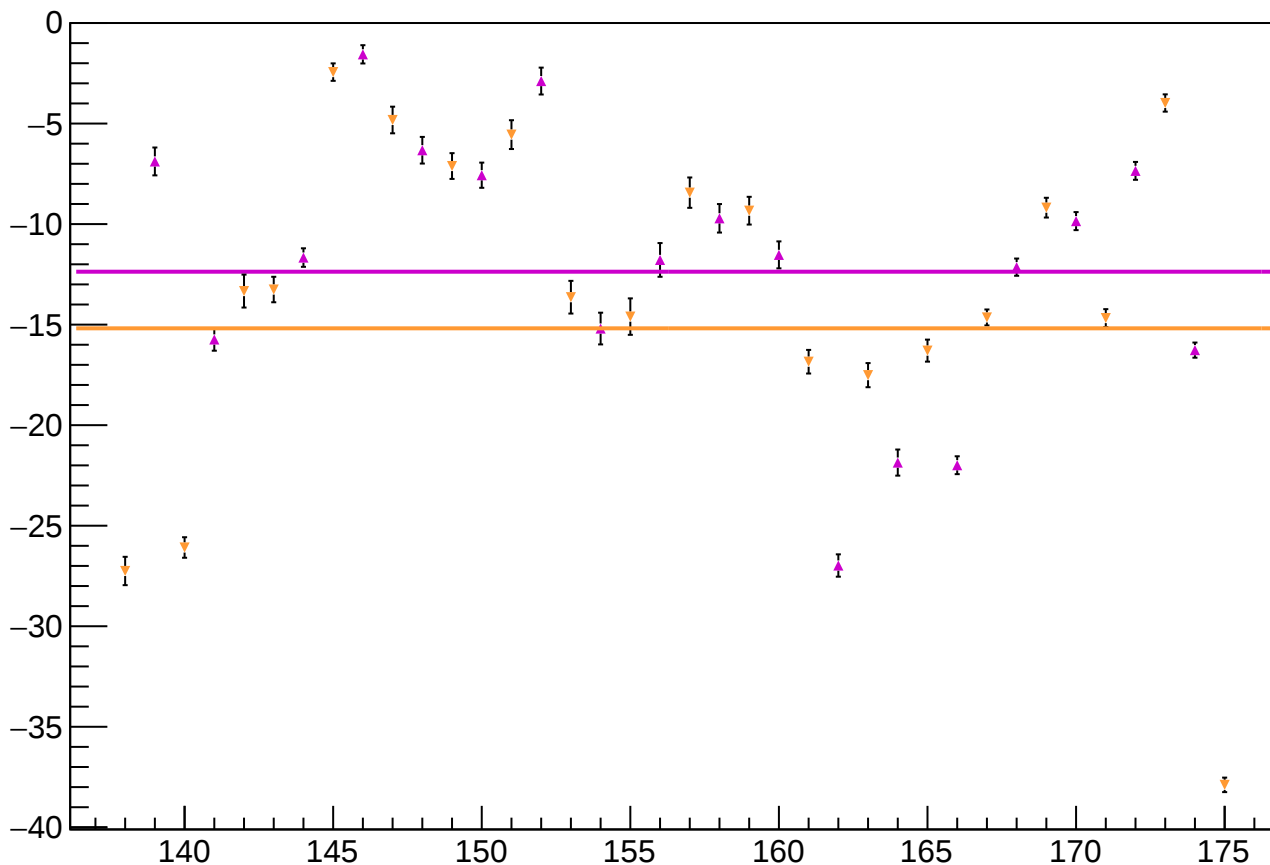
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.013 $\pm$ 0.002 χ^2 /NDF:1834.4/34

Out: 0.015 $\pm$ 0.002 χ^2 /NDF:1846.5/38

All: 0.014 $\pm$ 0.001 χ^2 /NDF: 3681.2/73

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -15.184 ± 0.123 χ^2/NDF : 7190.3/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -12.368 ± 0.127 χ^2/NDF : 2678.9/17

Left: -13.817 ± 0.088 χ^2/NDF : 10123.6/37

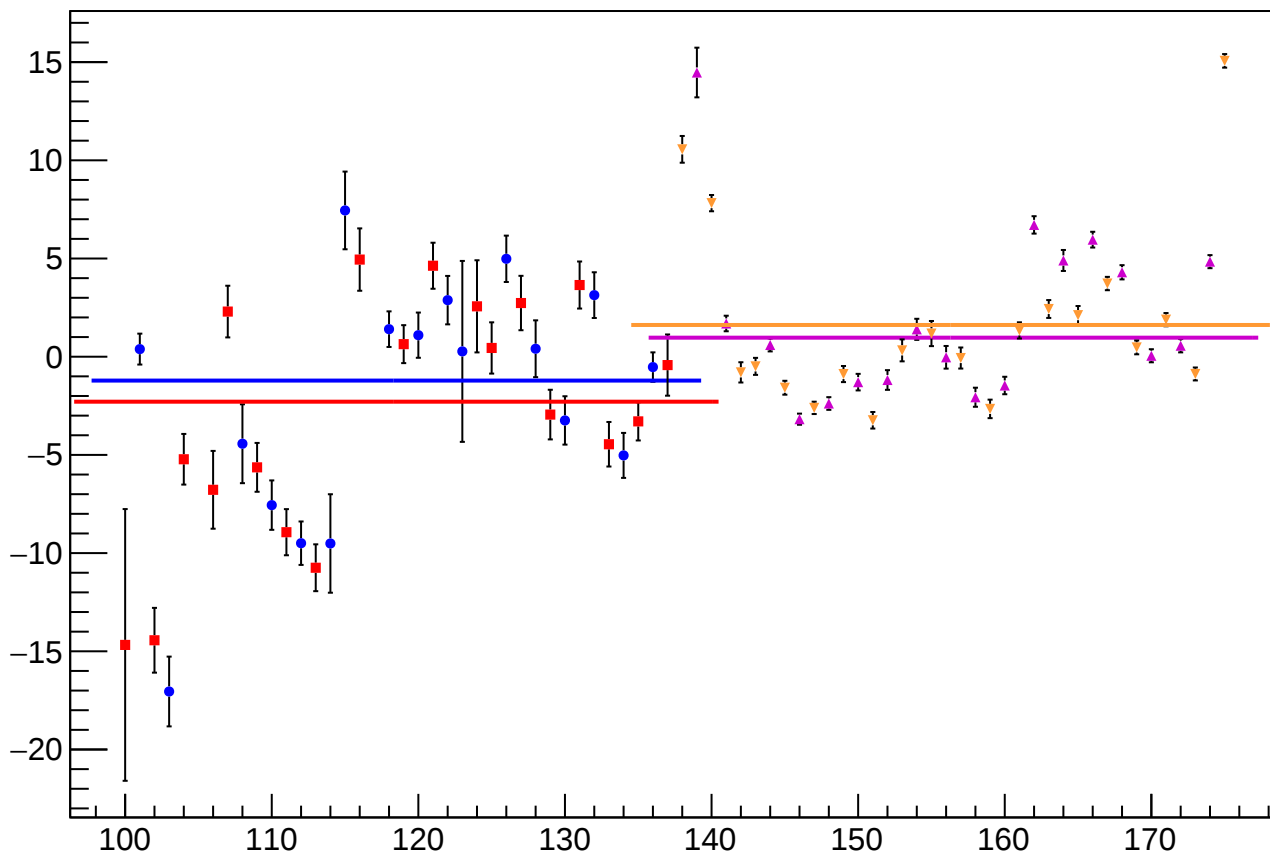
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -12.368 ± 0.127 χ^2/NDF : 2678.9/17

Out: -15.184 ± 0.123 χ^2/NDF : 7190.3/19

All: -13.817 ± 0.088 χ^2/NDF : 10123.6/37

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 1.616 ± 0.092 χ^2/NDF : 2596.8/19

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 0.969 ± 0.094 χ^2/NDF : 1167.0/17

Left: 1.301 ± 0.066 χ^2/NDF : 3788.0/37

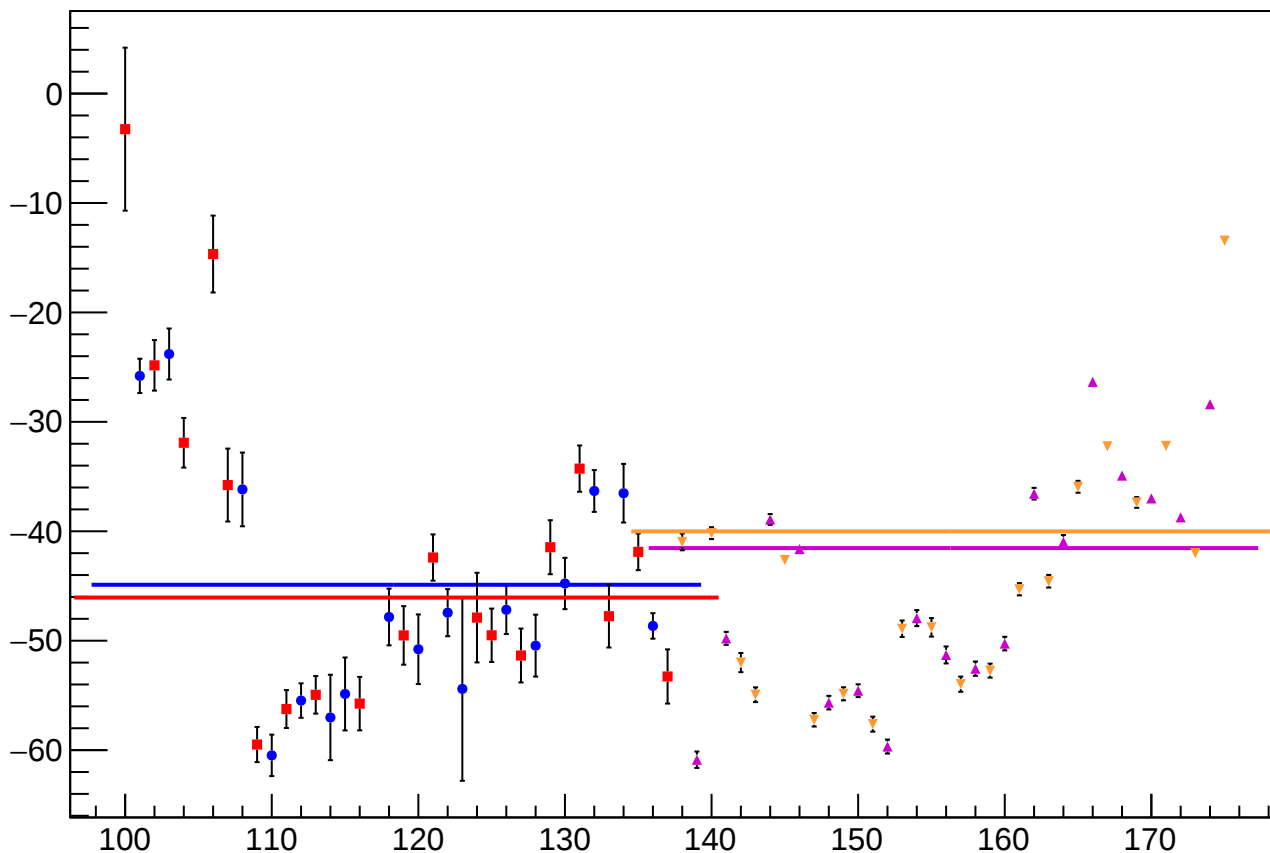
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.762 ± 0.090 χ^2/NDF : 1497.0/34

Out: 1.286 ± 0.088 χ^2/NDF : 3037.0/38

All: 1.029 ± 0.063 χ^2/NDF : 4551.4/73

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -40.009 ± 0.123 χ^2/NDF : 10143.3/19

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -41.536 ± 0.127 χ^2/NDF : 6038.6/17

Left: -40.751 ± 0.088 χ^2/NDF : 16256.5/37

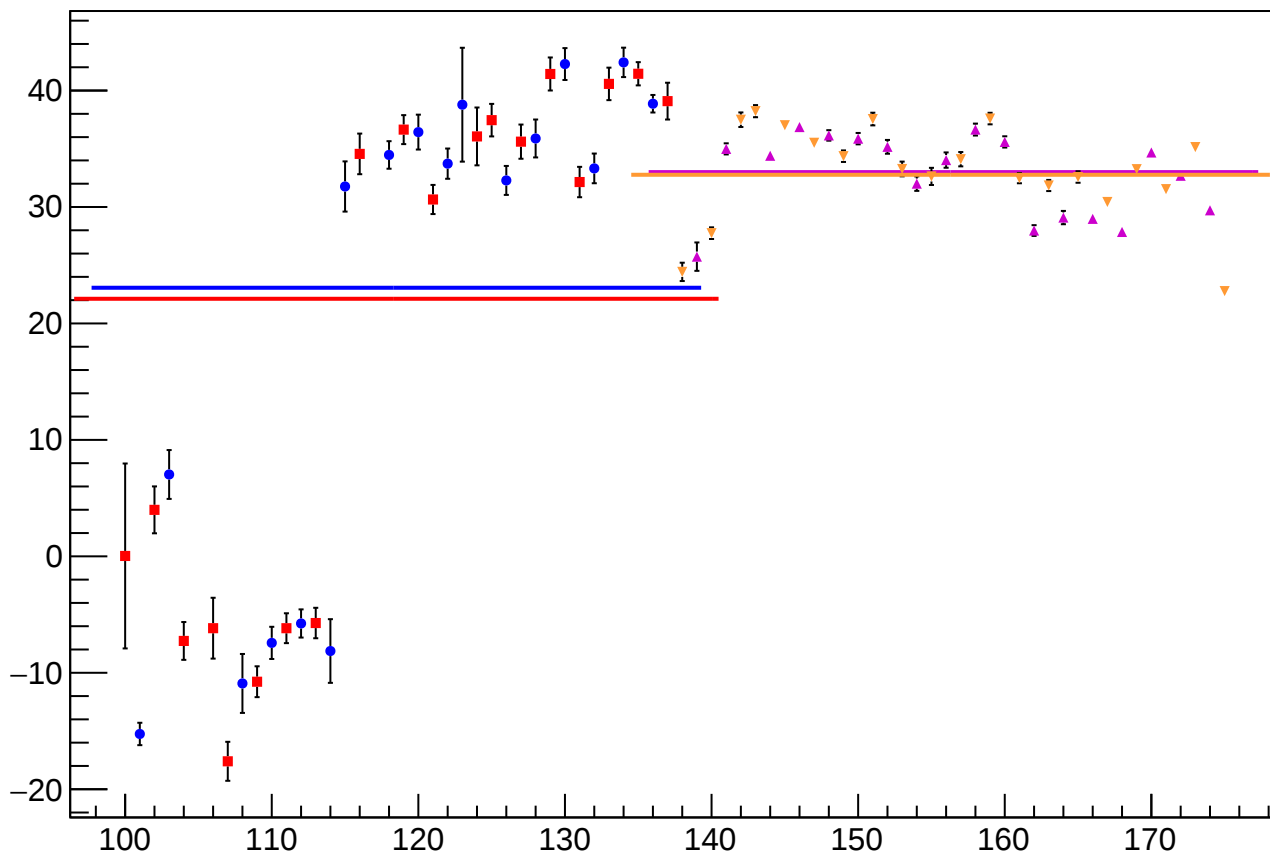
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -41.721 ± 0.123 χ^2/NDF : 6497.8/34

Out: -40.321 ± 0.120 χ^2/NDF : 10721.3/38

All: -41.003 ± 0.086 χ^2/NDF : 17285.5/73

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 32.767 $\pm$ 0.104 χ^2 /NDF:1573.6/19

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 32.996 $\pm$ 0.108 χ^2 /NDF:875.7/17

Left: 32.878 $\pm$ 0.075 χ^2 /NDF: 2451.6/37

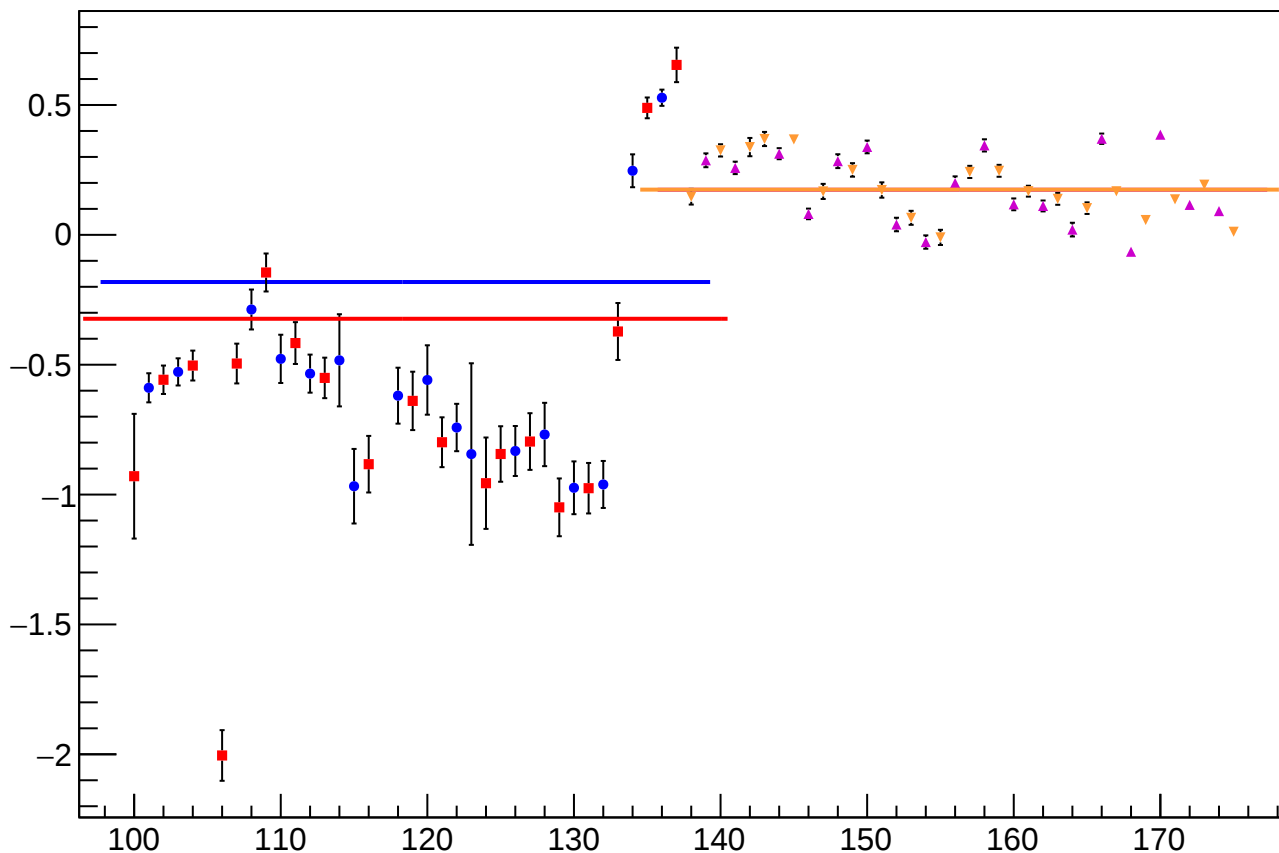
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.022 $\pm$ 0.102 χ^2 /NDF:6043.2/34

Out: 31.847 $\pm$ 0.100 χ^2 /NDF:6504.5/38

All: 31.932 $\pm$ 0.071 χ^2 /NDF: 12549.2/73

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.174 ± 0.005 χ^2/NDF : 461.0/19

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.174 ± 0.005 χ^2/NDF : 865.3/17

Left: 0.174 ± 0.003 χ^2/NDF : 1326.3/37

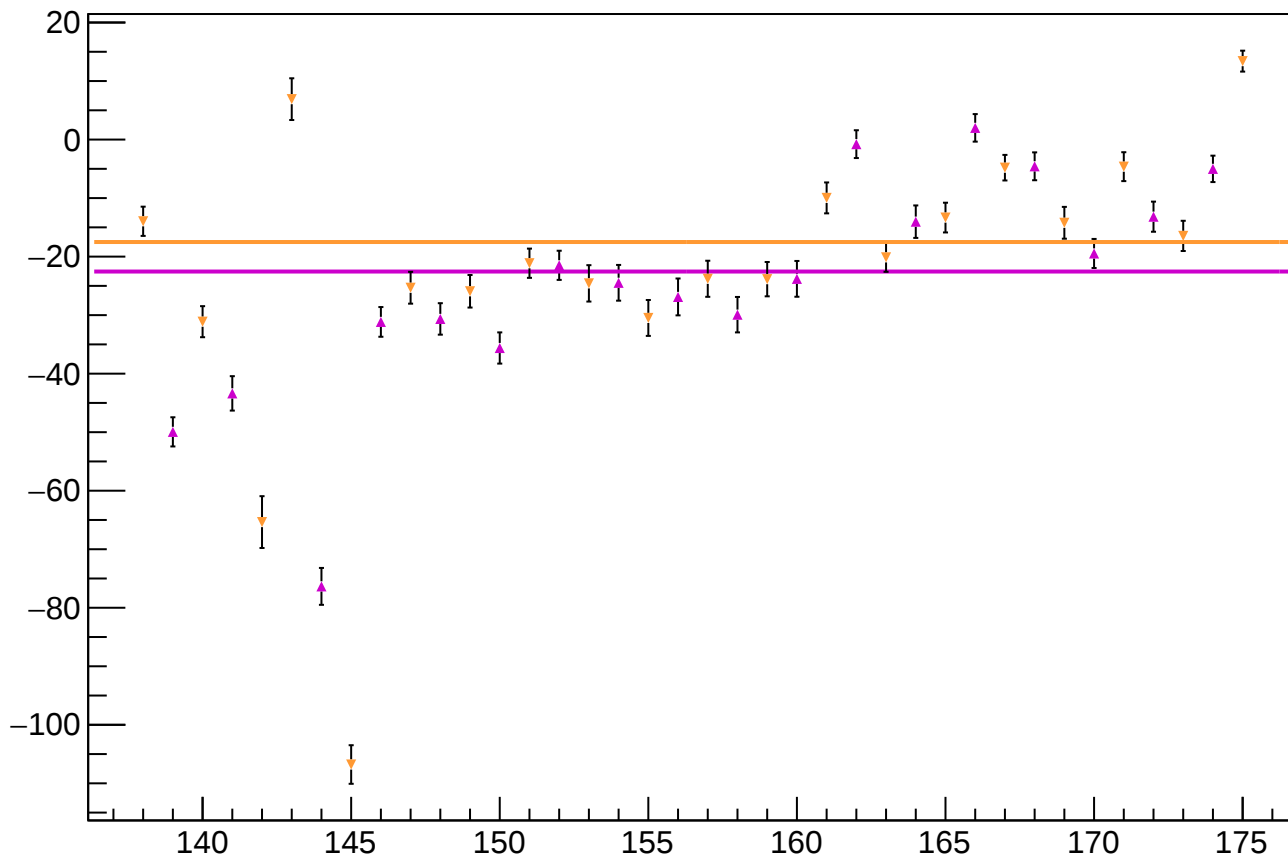
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.148 ± 0.005 χ^2/NDF : 2234.0/34

Out: 0.141 ± 0.005 χ^2/NDF : 2344.4/38

All: 0.144 ± 0.003 χ^2/NDF : 4579.6/73

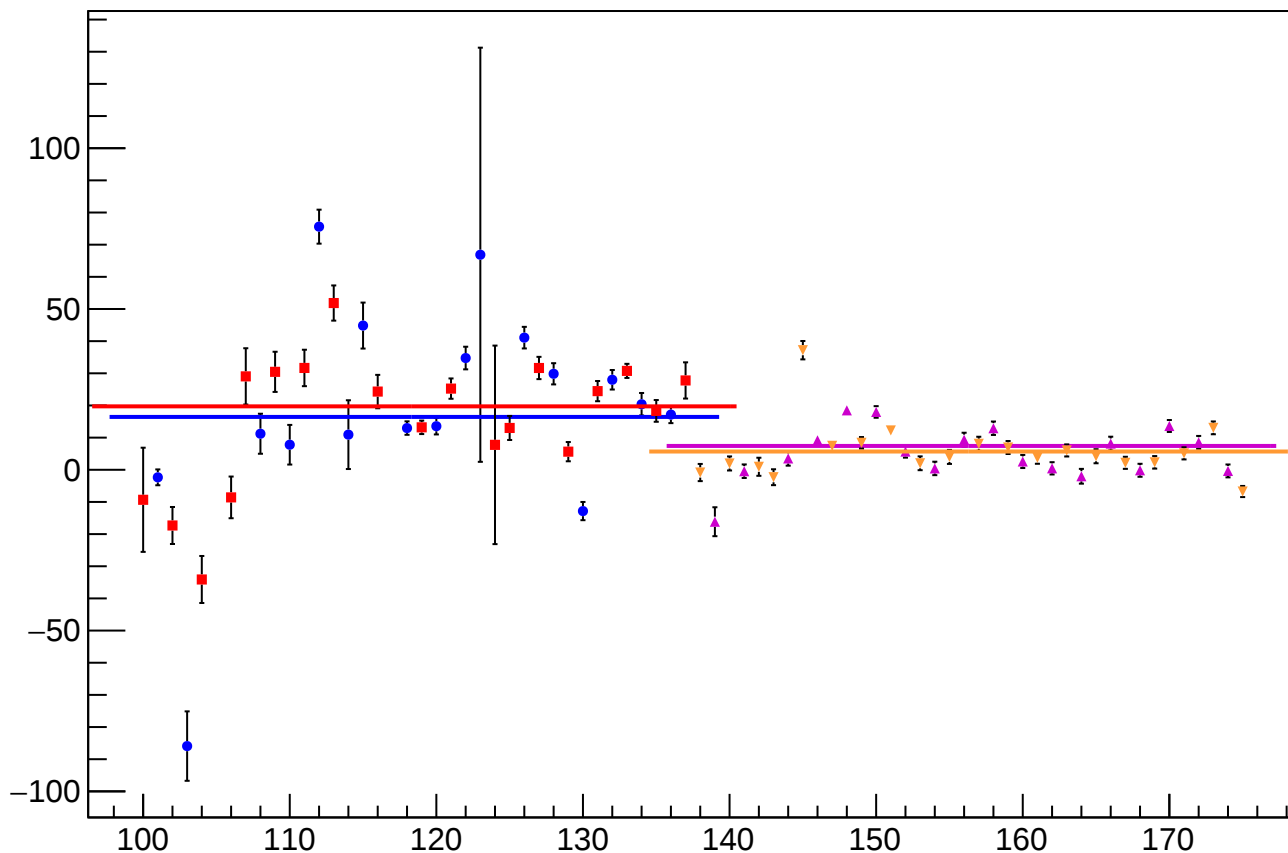
reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -17.506 ± 0.596 $\chi^2/\text{NDF}: 1350.4/19$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -22.550 ± 0.624 $\chi^2/\text{NDF}: 849.8/17$

Left: -19.914 ± 0.431 $\chi^2/\text{NDF}: 2234.4/37$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -22.550 ± 0.624 $\chi^2/\text{NDF}: 849.8/17$
 Out: -17.506 ± 0.596 $\chi^2/\text{NDF}: 1350.4/19$
 All: -19.914 ± 0.431 $\chi^2/\text{NDF}: 2234.4/37$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 5.681 $\pm$ 0.437 χ^2 /NDF: 247.8/19

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 7.417 $\pm$ 0.460 χ^2 /NDF: 247.9/17

Left: 6.504 $\pm$ 0.317 χ^2 /NDF: 503.2/37

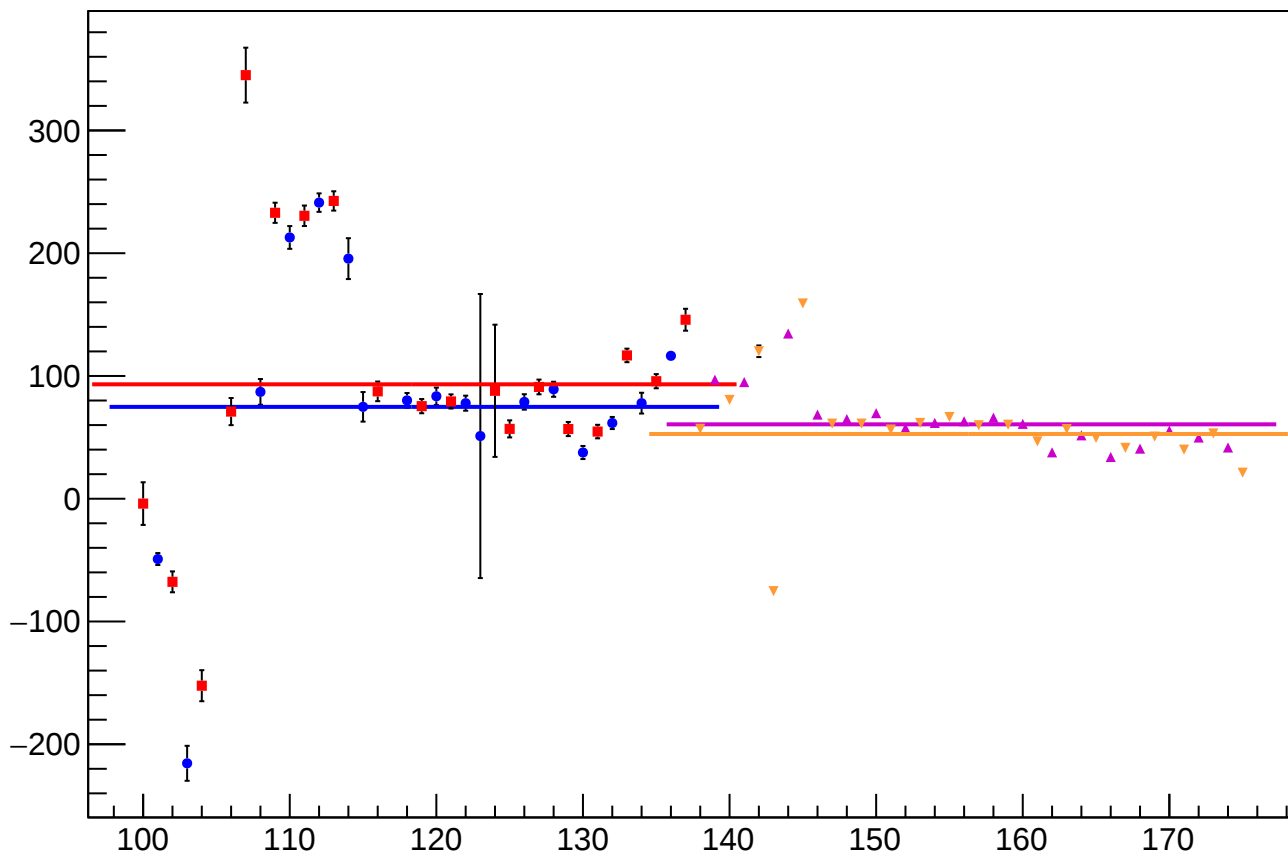
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 9.465 $\pm$ 0.404 χ^2 /NDF: 852.3/34

Out: 8.367 $\pm$ 0.393 χ^2 /NDF: 687.4/38

All: 8.900 $\pm$ 0.282 χ^2 /NDF: 1543.5/73

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 52.734+/-0.589 χ^2/NDF : 2845.5/19

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 60.605+/-0.616 χ^2/NDF : 1199.4/17

Left: 56.493+/-0.426 χ^2/NDF : 4130.1/37

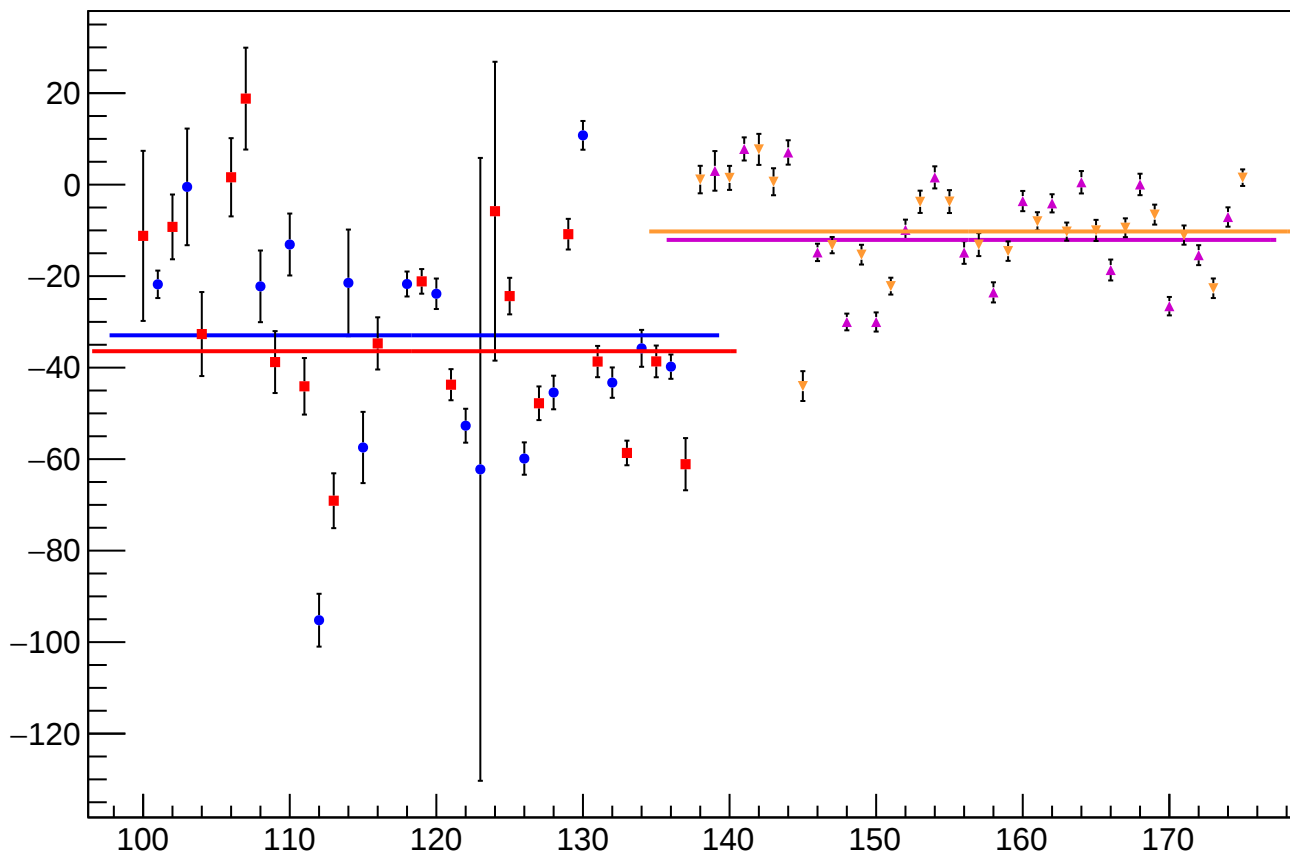
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 62.368+/-0.577 χ^2/NDF : 3262.2/34

Out: 57.023+/-0.557 χ^2/NDF : 5346.0/38

All: 59.603+/-0.401 χ^2/NDF : 8652.5/73

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.233 ± 0.501 χ^2/NDF : 332.9/19

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -12.079 ± 0.529 χ^2/NDF : 510.9/17

Left: -11.107 ± 0.364 χ^2/NDF : 850.2/37

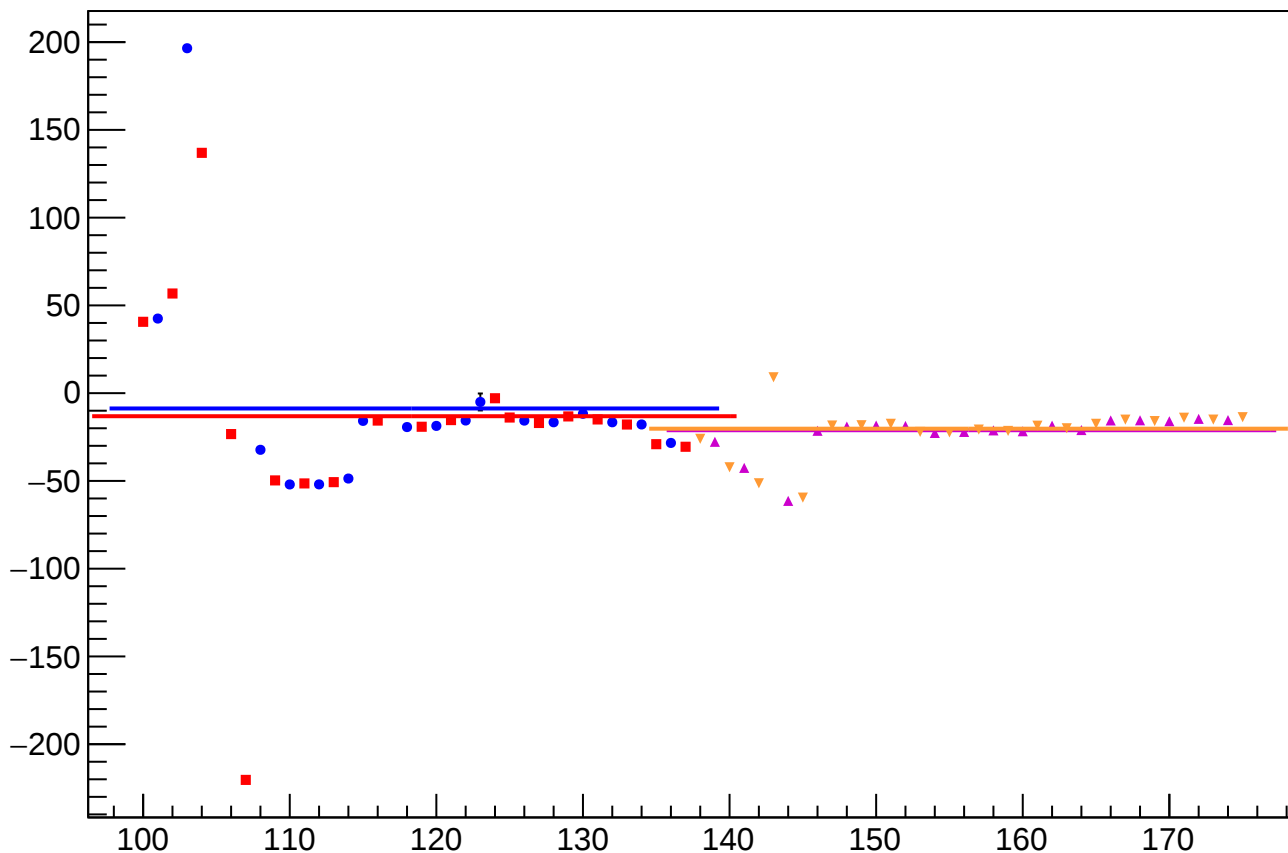
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -16.831 ± 0.465 χ^2/NDF : 1356.2/34

Out: -15.286 ± 0.450 χ^2/NDF : 1154.2/38

All: -16.034 ± 0.323 χ^2/NDF : 2516.1/73

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -20.246 ± 0.023 $\chi^2/\text{NDF}: 204903.4/19$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -21.114 ± 0.024 $\chi^2/\text{NDF}: 129733.7/17$

Left: -20.670 ± 0.017 $\chi^2/\text{NDF}: 335315.0/37$

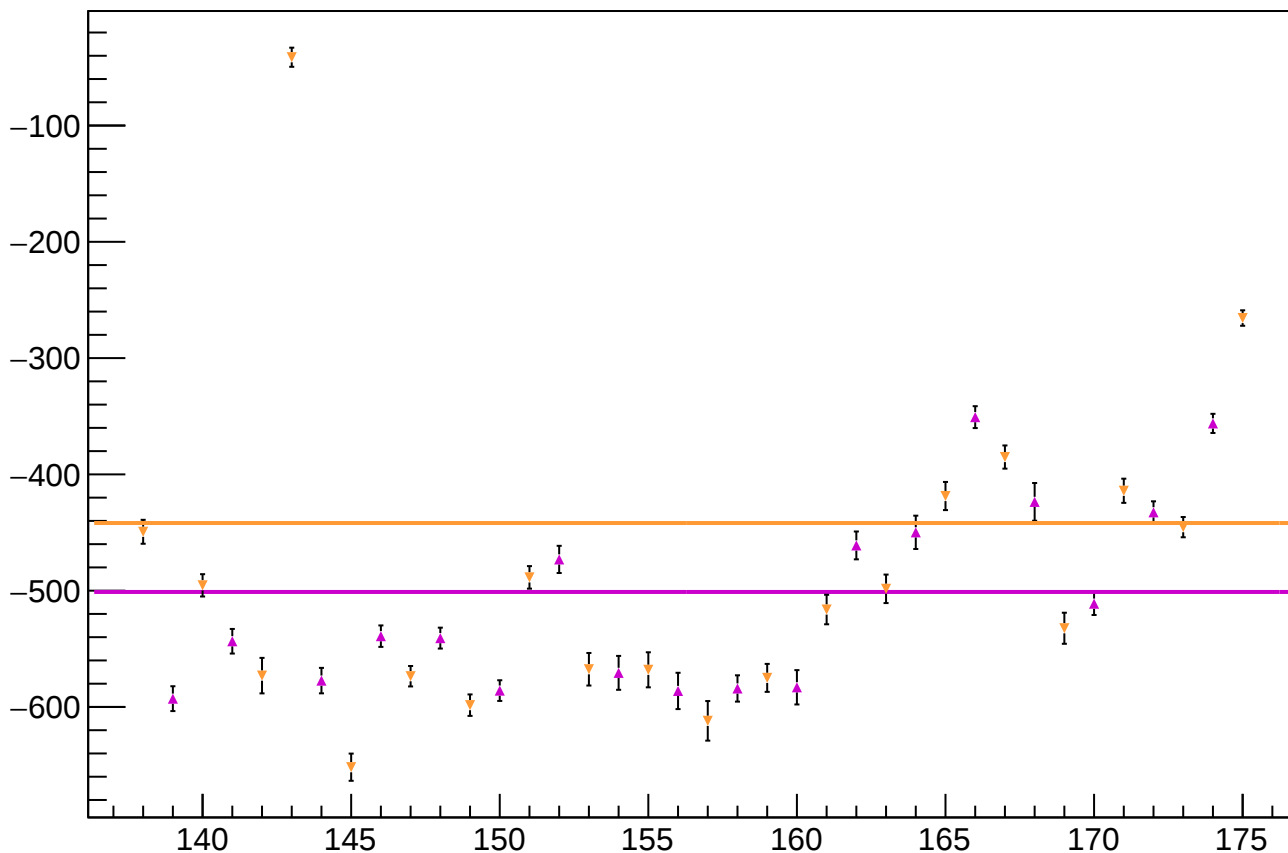
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -19.365 ± 0.022 $\chi^2/\text{NDF}: 743623.8/34$

Out: -19.358 ± 0.022 $\chi^2/\text{NDF}: 775131.1/38$

All: -19.361 ± 0.016 $\chi^2/\text{NDF}: 1518754.9/73$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -441.822 $\pm$ 2.342 χ^2/NDF :4556.0/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -501.111 $\pm$ 2.541 χ^2/NDF :1074.9/17

Left: -469.054 $\pm$ 1.722 χ^2/NDF : 5925.2/37

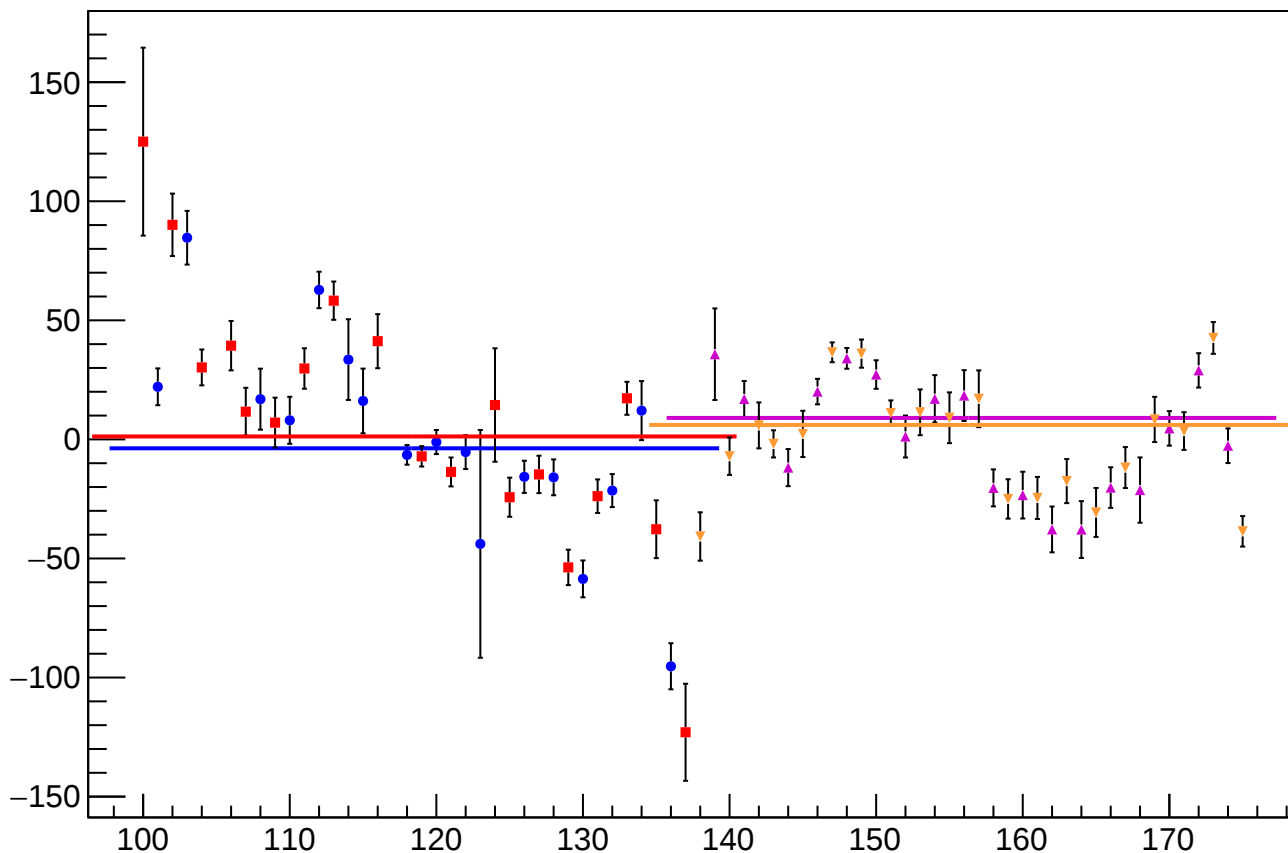
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -501.111 $\pm$ 2.541 χ^2/NDF :1074.9/17

Out: -441.822 $\pm$ 2.342 χ^2/NDF :4556.0/19

All: -469.054 $\pm$ 1.722 χ^2/NDF : 5925.2/37

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 6.071 ± 1.662 χ^2/NDF : 236.3/19

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 9.014 ± 1.811 χ^2/NDF : 150.5/17

Left: 7.417 ± 1.224 χ^2/NDF : 388.2/37

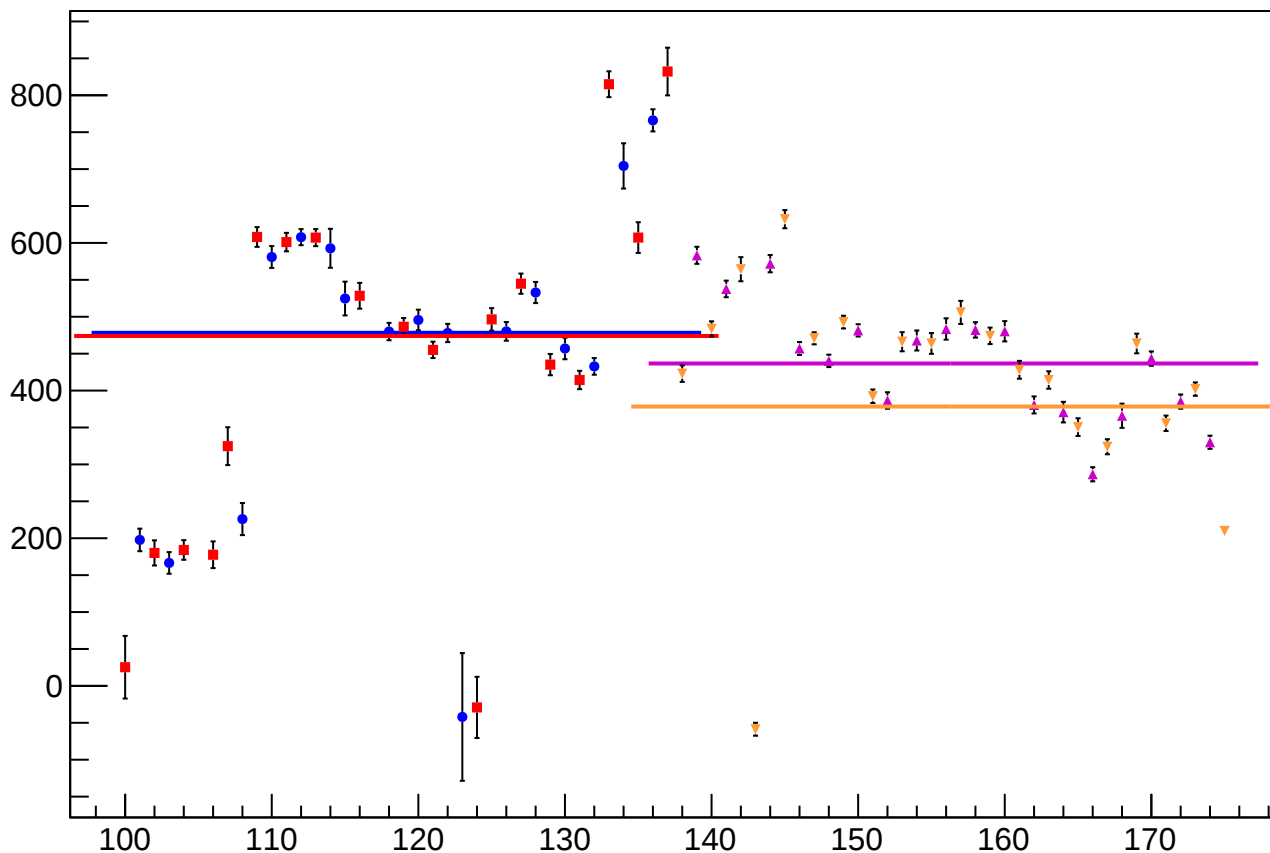
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.915 ± 1.308 χ^2/NDF : 488.4/34

Out: 3.997 ± 1.255 χ^2/NDF : 543.4/38

All: 3.479 ± 0.906 χ^2/NDF : 1032.2/73

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 378.364 $\pm$ 2.330 χ^2 /NDF:4442.4/19

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 436.693 $\pm$ 2.517 χ^2 /NDF:955.5/17

Left: 405.286 $\pm$ 1.710 χ^2 /NDF: 5687.0/37

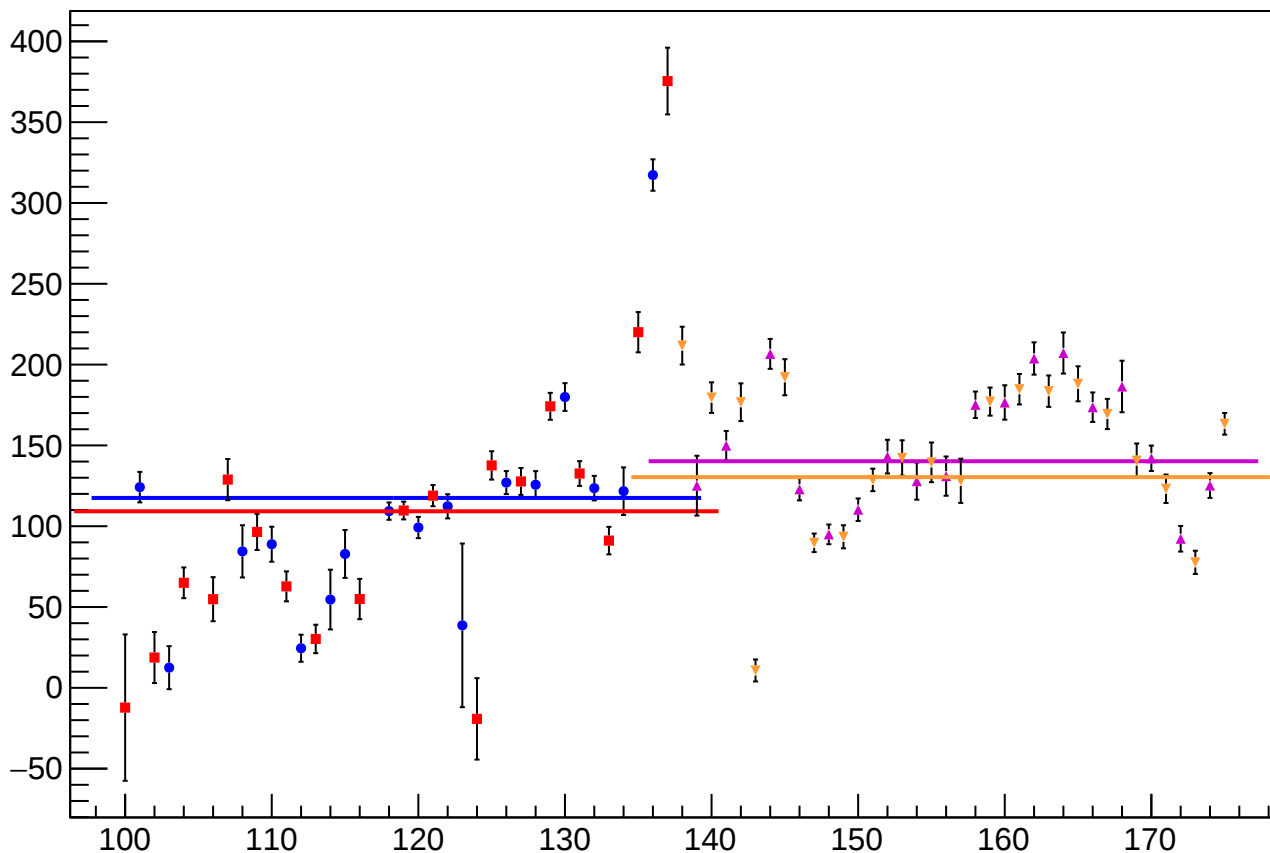
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 450.151 $\pm$ 2.070 χ^2 /NDF:2671.8/34

Out: 407.398 $\pm$ 1.945 χ^2 /NDF:7241.9/38

All: 427.442 $\pm$ 1.417 χ^2 /NDF: 10140.2/73

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 130.377 $\pm$ 1.944 χ^2 /NDF: 725.9/19

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 140.210 $\pm$ 2.113 χ^2 /NDF: 295.7/17

Left: 134.884 $\pm$ 1.430 χ^2 /NDF: 1033.3/37

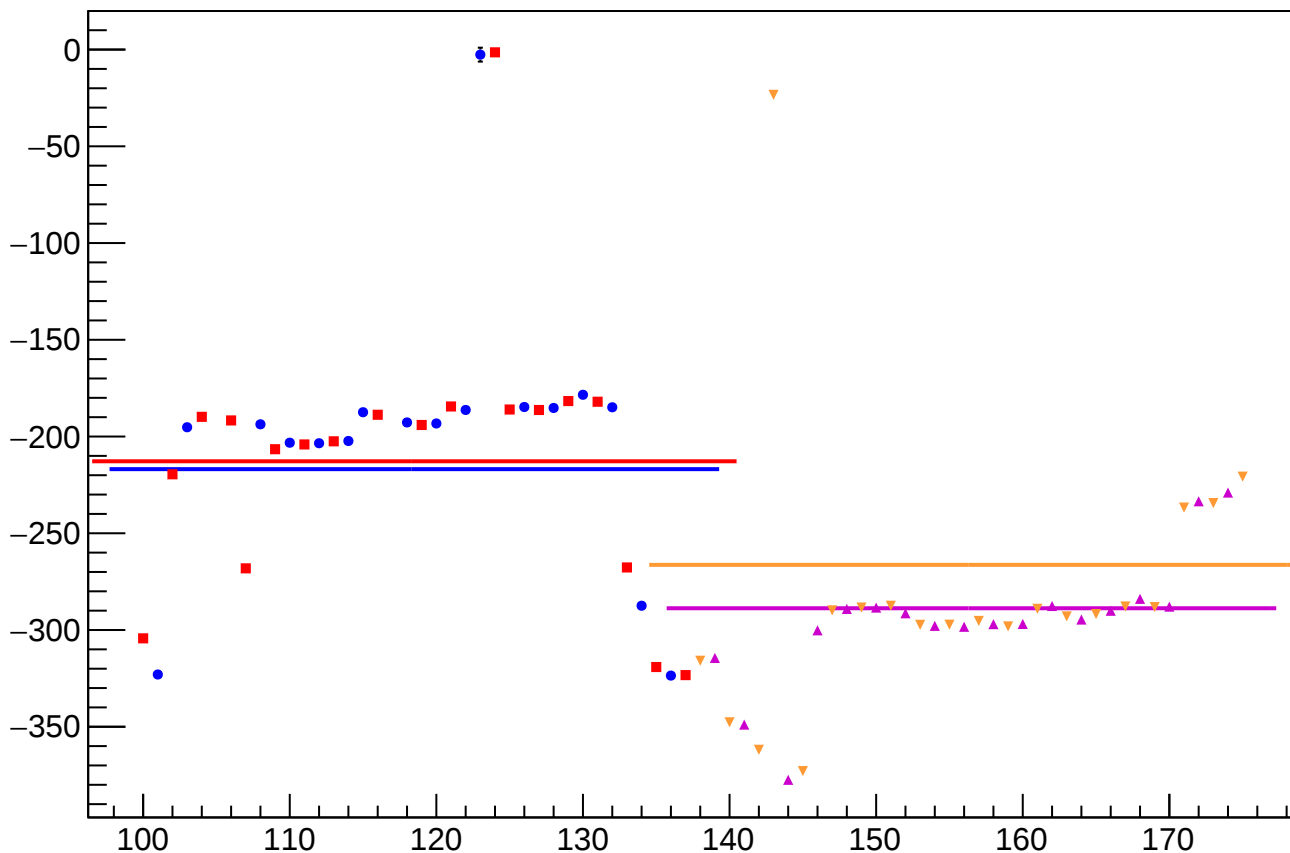
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 129.304 $\pm$ 1.523 χ^2 /NDF: 1057.1/34

Out: 121.142 $\pm$ 1.458 χ^2 /NDF: 1347.0/38

All: 125.046 $\pm$ 1.053 χ^2 /NDF: 2419.1/73

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -266.325 ± 0.094 $\chi^2/\text{NDF}: 667056.5/19$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -288.755 ± 0.099 $\chi^2/\text{NDF}: 113586.1/17$

Left: -277.013 ± 0.068 $\chi^2/\text{NDF}: 807699.1/37$

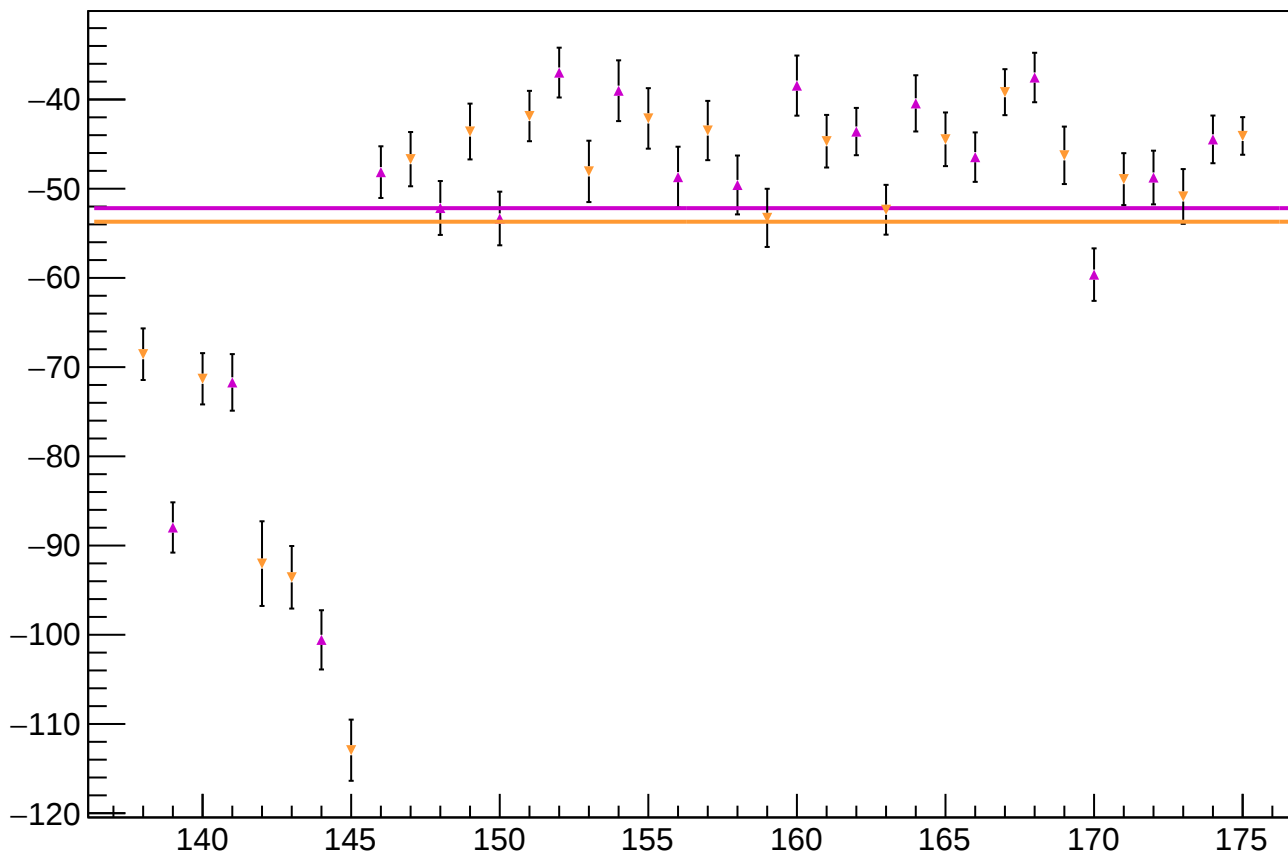
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -263.928 ± 0.080 $\chi^2/\text{NDF}: 443885.1/34$

Out: -247.924 ± 0.076 $\chi^2/\text{NDF}: 894814.0/38$

All: -255.560 ± 0.055 $\chi^2/\text{NDF}: 1359713.3/73$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -53.700+/-0.675 χ^2/NDF : 694.6/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.181+/-0.706 χ^2/NDF : 549.2/17

Left: -52.975+/-0.488 χ^2/NDF : 1246.2/37

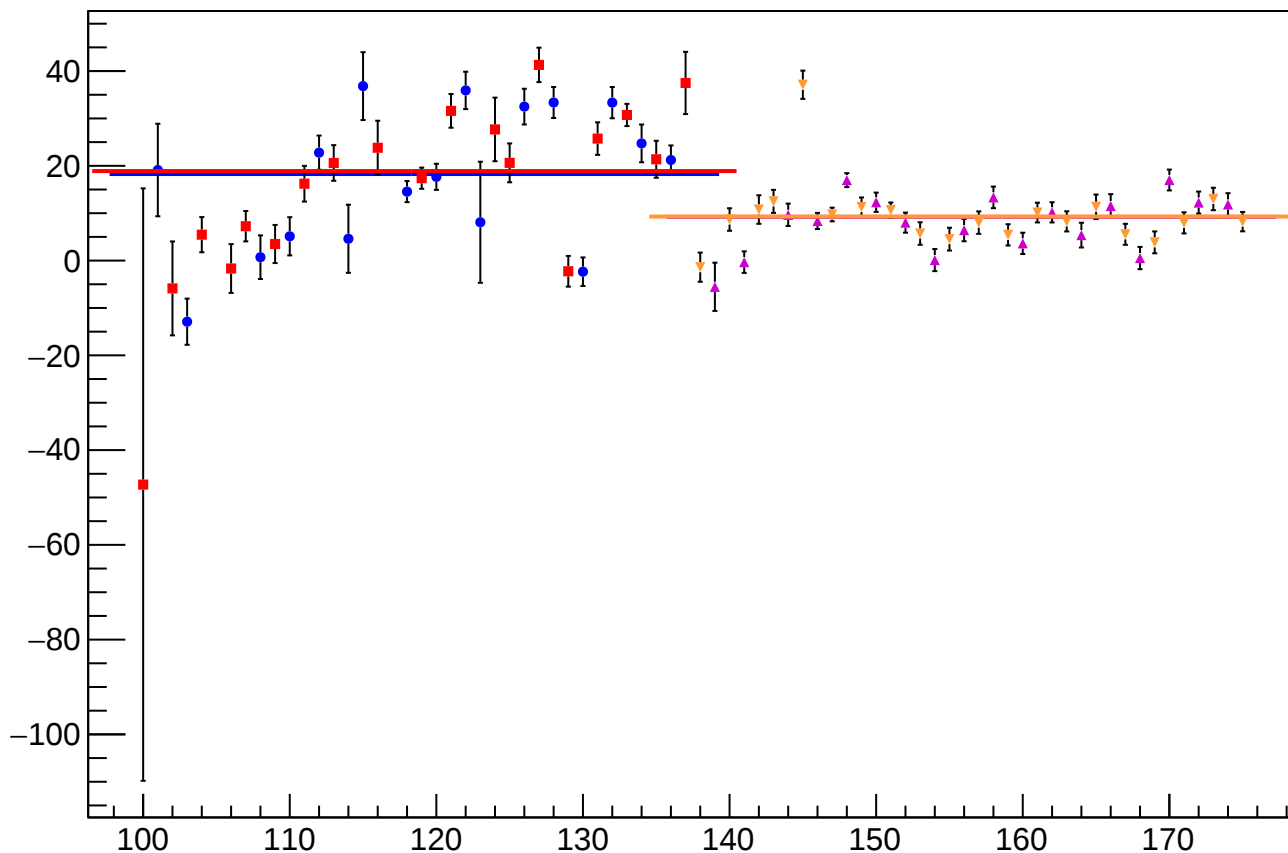
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.181+/-0.706 χ^2/NDF : 549.2/17

Out: -53.700+/-0.675 χ^2/NDF : 694.6/19

All: -52.975+/-0.488 χ^2/NDF : 1246.2/37

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.296 $\pm$ 0.492 χ^2 /NDF:124.9/19

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 9.223 $\pm$ 0.519 χ^2 /NDF:115.2/17

Left: 9.261 $\pm$ 0.357 χ^2 /NDF: 240.2/37

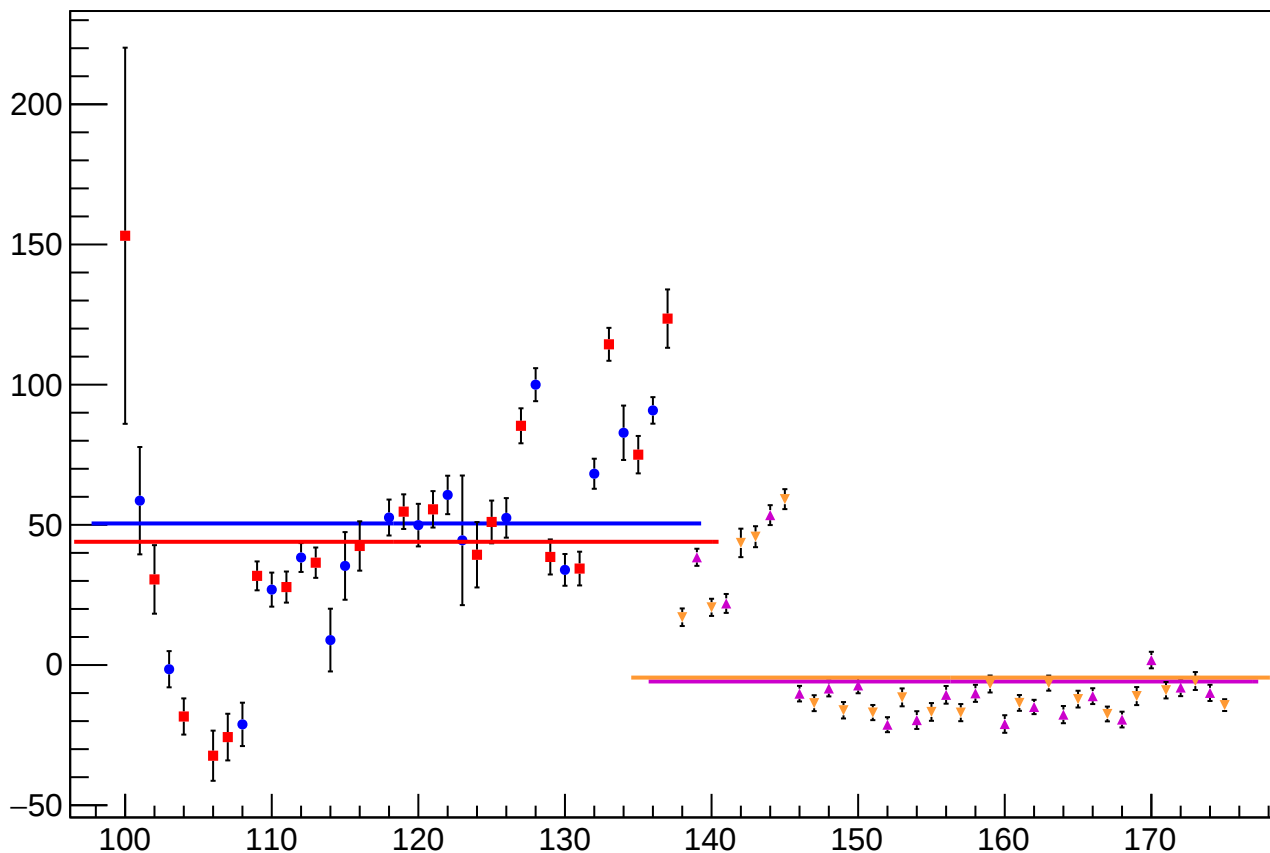
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 11.457 $\pm$ 0.451 χ^2 /NDF:398.5/34

Out: 11.647 $\pm$ 0.428 χ^2 /NDF:417.4/38

All: 11.557 $\pm$ 0.310 χ^2 /NDF: 816.0/73

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: -4.476 $\pm$ 0.667 χ^2 /NDF:858.4/19

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -5.865 $\pm$ 0.697 χ^2 /NDF:705.0/17

Left: -5.140 $\pm$ 0.482 χ^2 /NDF: 1565.5/37

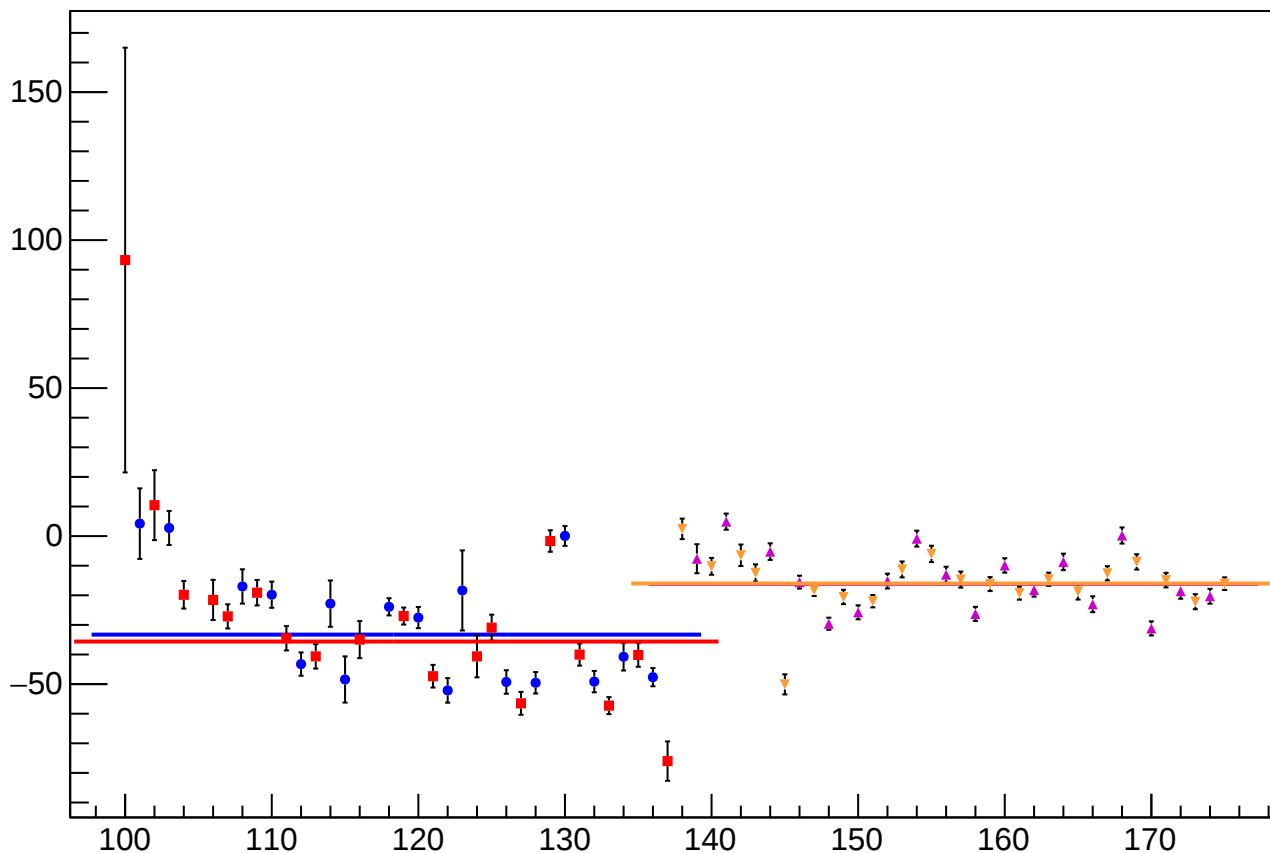
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 2.492 $\pm$ 0.643 χ^2 /NDF:2037.4/34

Out: 2.678 $\pm$ 0.616 χ^2 /NDF:2170.6/38

All: 2.589 $\pm$ 0.445 χ^2 /NDF: 4208.0/73

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.011 ± 0.566 χ^2/NDF : 190.4/19

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -16.195 ± 0.597 χ^2/NDF : 289.2/17

Left: -16.098 ± 0.411 χ^2/NDF : 479.6/37

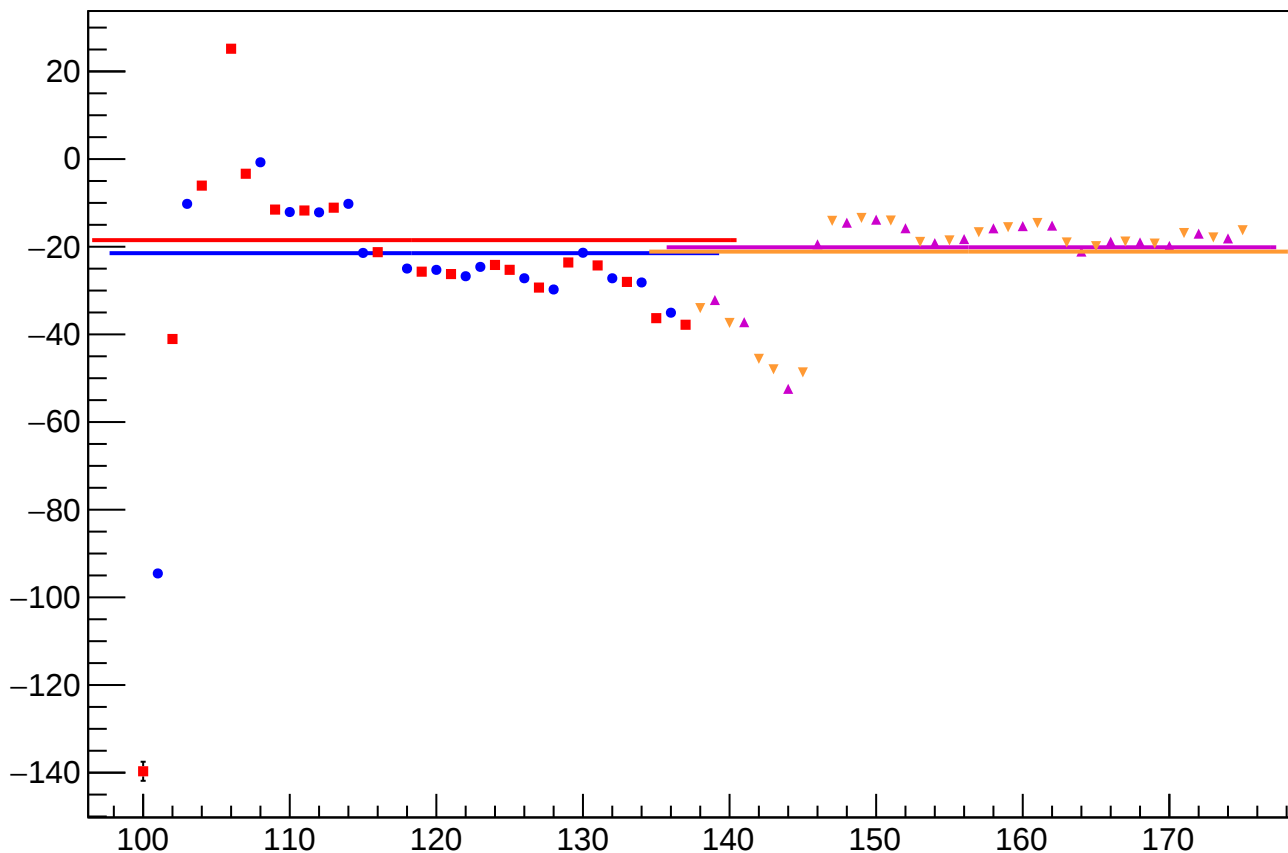
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.465 ± 0.517 χ^2/NDF : 786.6/34

Out: -20.828 ± 0.492 χ^2/NDF : 772.5/38

All: -20.656 ± 0.357 χ^2/NDF : 1559.4/73

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -21.113 ± 0.026 $\chi^2/\text{NDF}: 136146.9/19$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -20.129 ± 0.027 $\chi^2/\text{NDF}: 85797.2/17$

Left: -20.633 ± 0.019 $\chi^2/\text{NDF}: 222624.7/37$

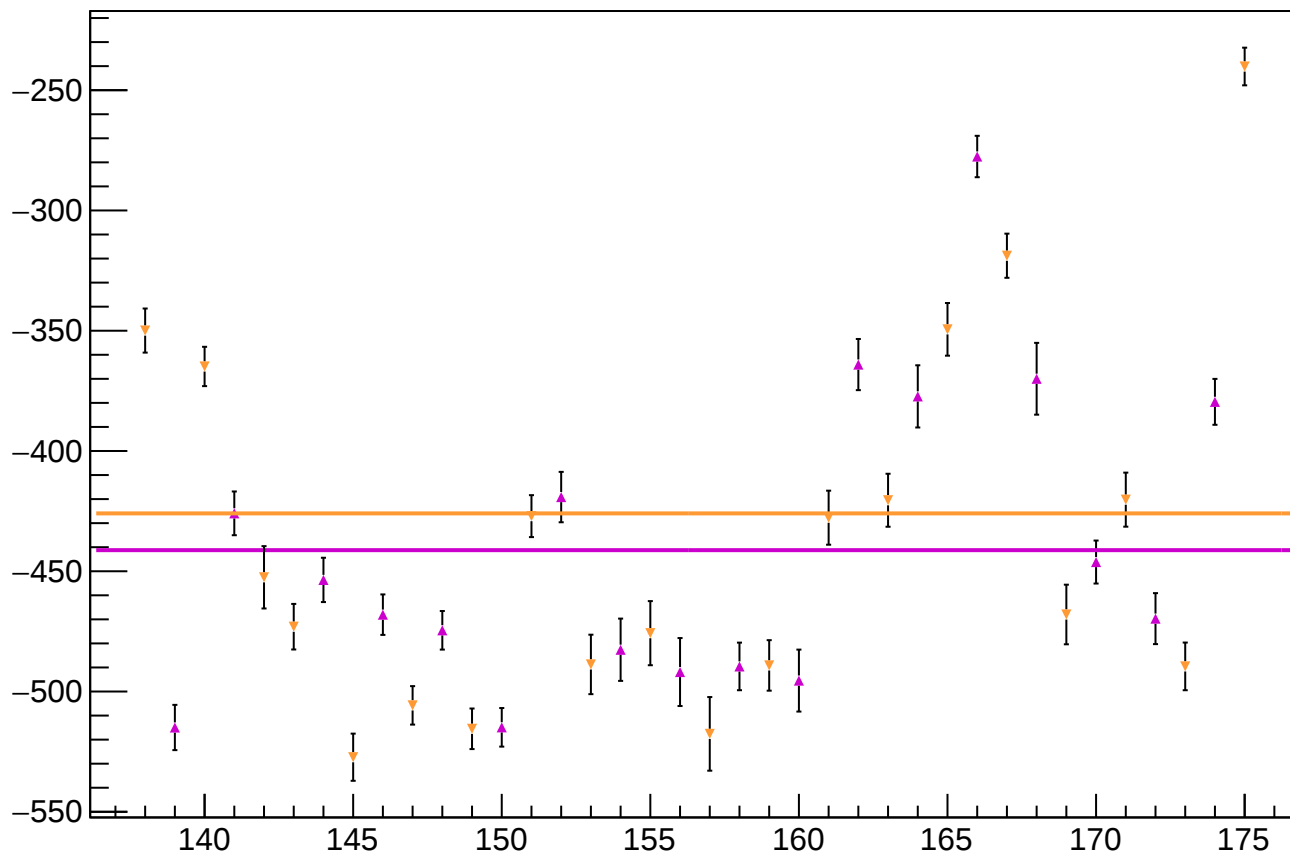
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -20.362 ± 0.025 $\chi^2/\text{NDF}: 135206.4/34$

Out: -20.657 ± 0.024 $\chi^2/\text{NDF}: 218566.9/38$

All: -20.513 ± 0.017 $\chi^2/\text{NDF}: 353847.0/73$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -425.944+/-2.236 χ^2/NDF :1386.2/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -441.229+/-2.344 χ^2/NDF :757.7/17

Left: -433.225+/-1.618 χ^2/NDF : 2166.1/37

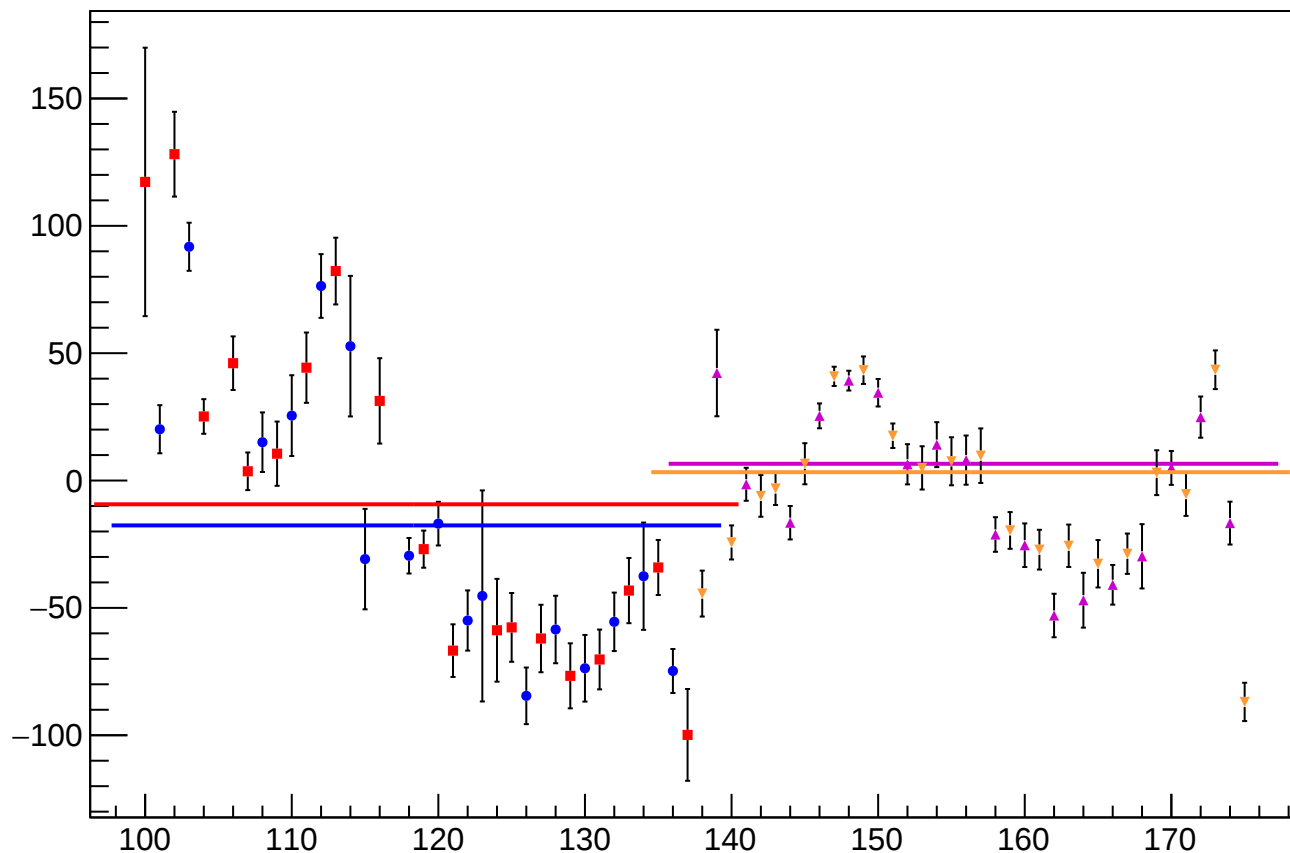
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -441.229+/-2.344 χ^2/NDF :757.7/17

Out: -425.944+/-2.236 χ^2/NDF :1386.2/19

All: -433.225+/-1.618 χ^2/NDF : 2166.1/37

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 3.280 ± 1.564 $\chi^2/\text{NDF}: 451.8/19$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 6.579 ± 1.655 $\chi^2/\text{NDF}: 293.7/17$

Left: 4.836 ± 1.137 $\chi^2/\text{NDF}: 747.6/37$

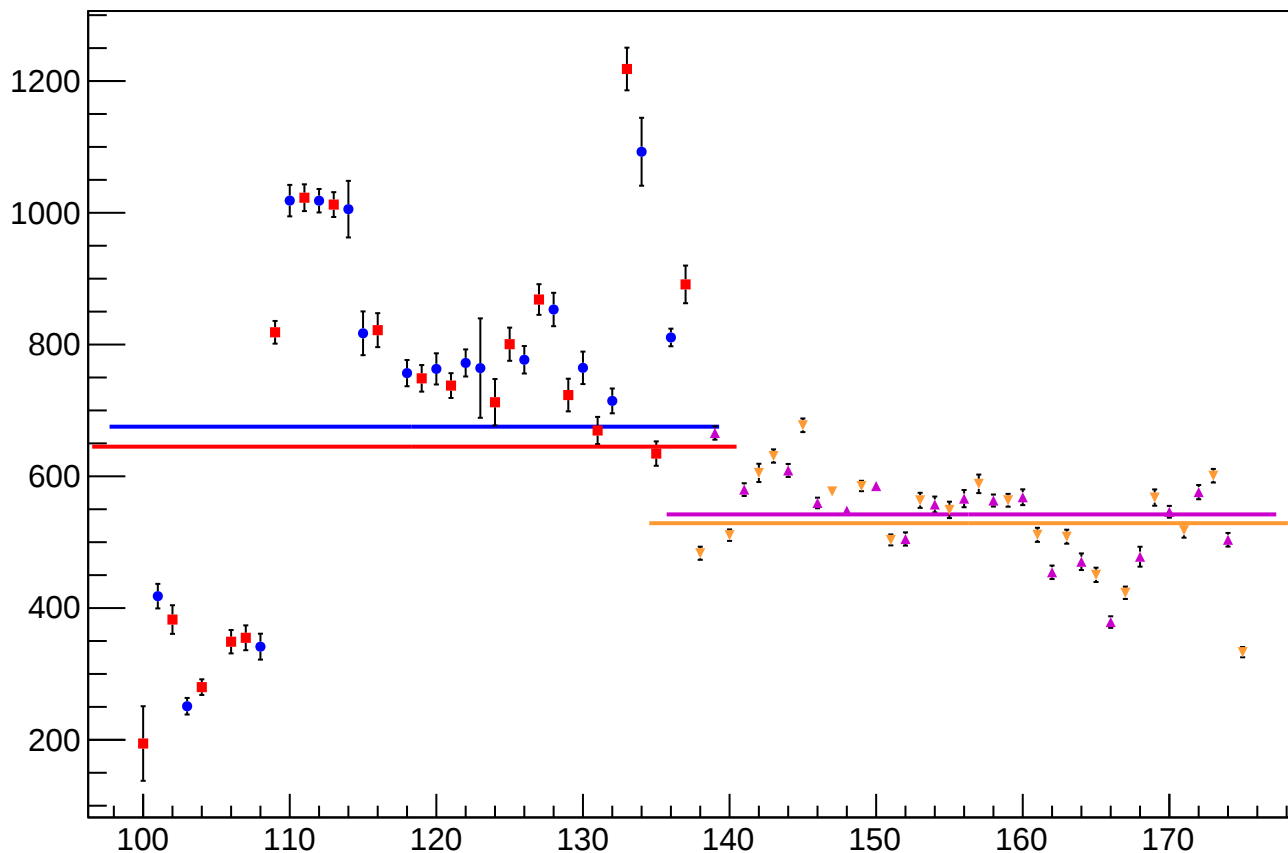
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 0.268 ± 1.423 $\chi^2/\text{NDF}: 711.5/34$

Out: -0.052 ± 1.341 $\chi^2/\text{NDF}: 835.5/38$

All: 0.099 ± 0.976 $\chi^2/\text{NDF}: 1547.0/73$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 528.817+/-2.218 χ^2/NDF :1380.7/19

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 542.183+/-2.314 χ^2/NDF :770.9/17

Left: 535.217+/-1.601 χ^2/NDF : 2169.0/37

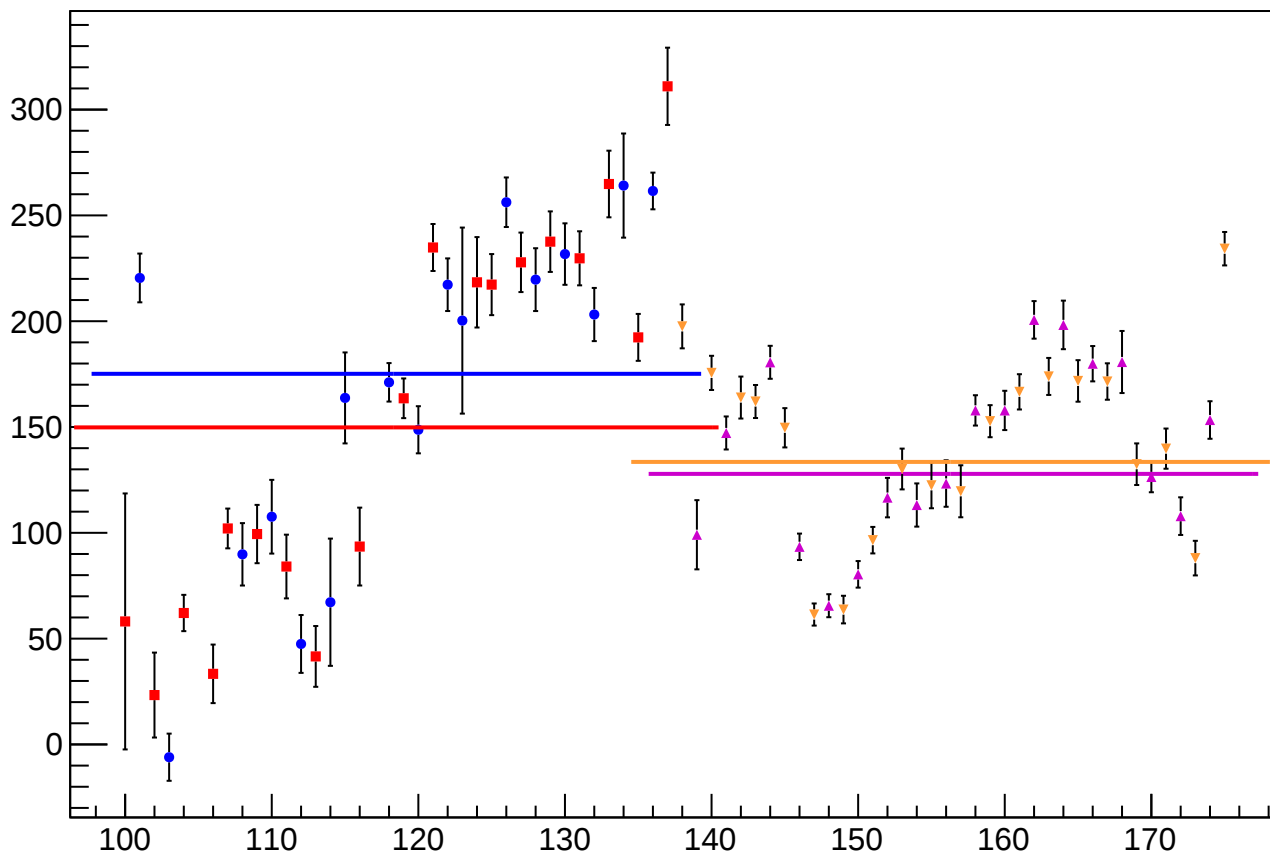
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 565.315+/-2.103 χ^2/NDF :3929.1/34

Out: 549.558+/-2.010 χ^2/NDF :4993.5/38

All: 557.080+/-1.453 χ^2/NDF : 8952.0/73

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 133.513 $\pm$ 1.840 χ^2 /NDF: 705.3/19

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 127.854 $\pm$ 1.940 χ^2 /NDF: 475.9/17

Left: 130.833 $\pm$ 1.335 χ^2 /NDF: 1185.7/37

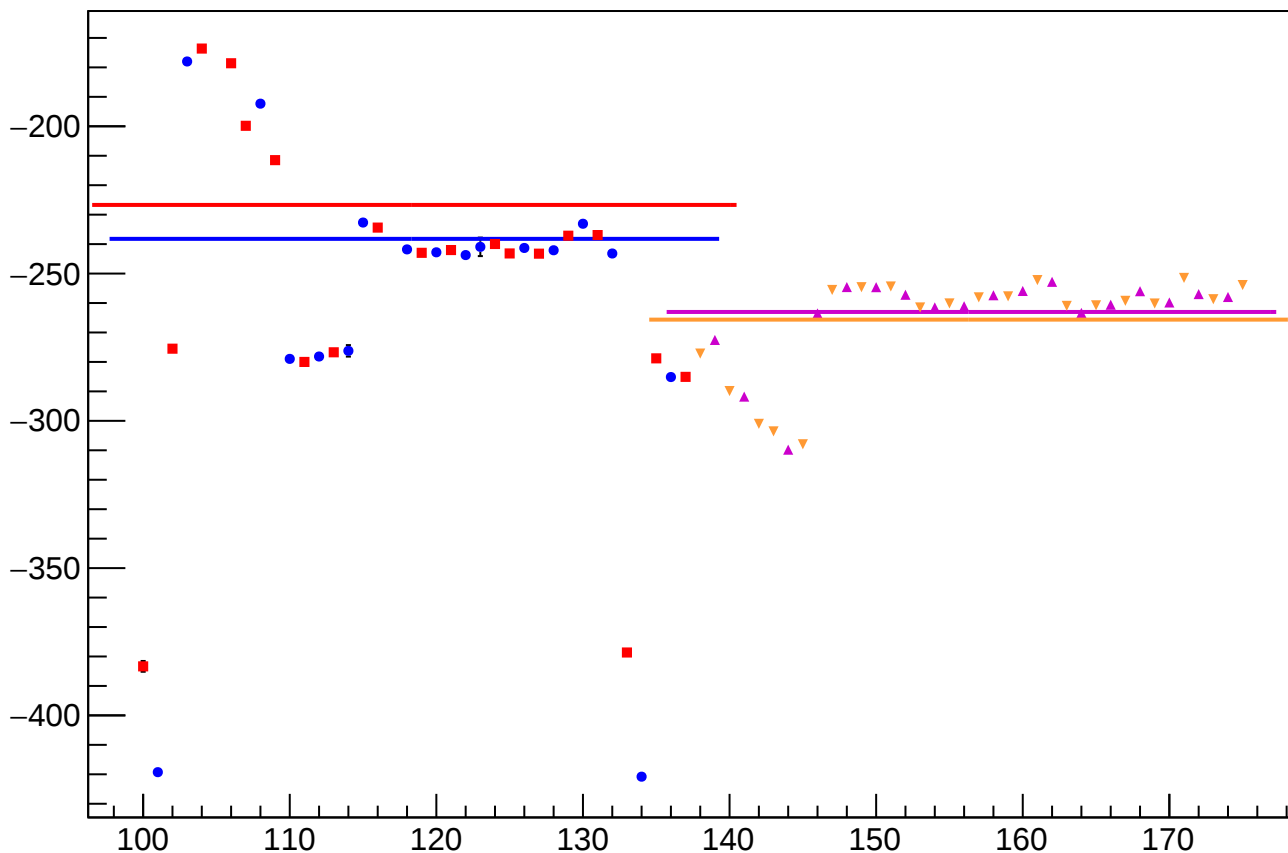
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 140.507 $\pm$ 1.660 χ^2 /NDF: 1270.6/34

Out: 137.882 $\pm$ 1.574 χ^2 /NDF: 1414.9/38

All: 139.125 $\pm$ 1.142 χ^2 /NDF: 2686.7/73

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -265.638+/-0.089 χ^2/NDF : 36558.7/19

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -263.035+/-0.091 χ^2/NDF : 21419.1/17

Left: -264.363+/-0.064 χ^2/NDF : 58394.2/37

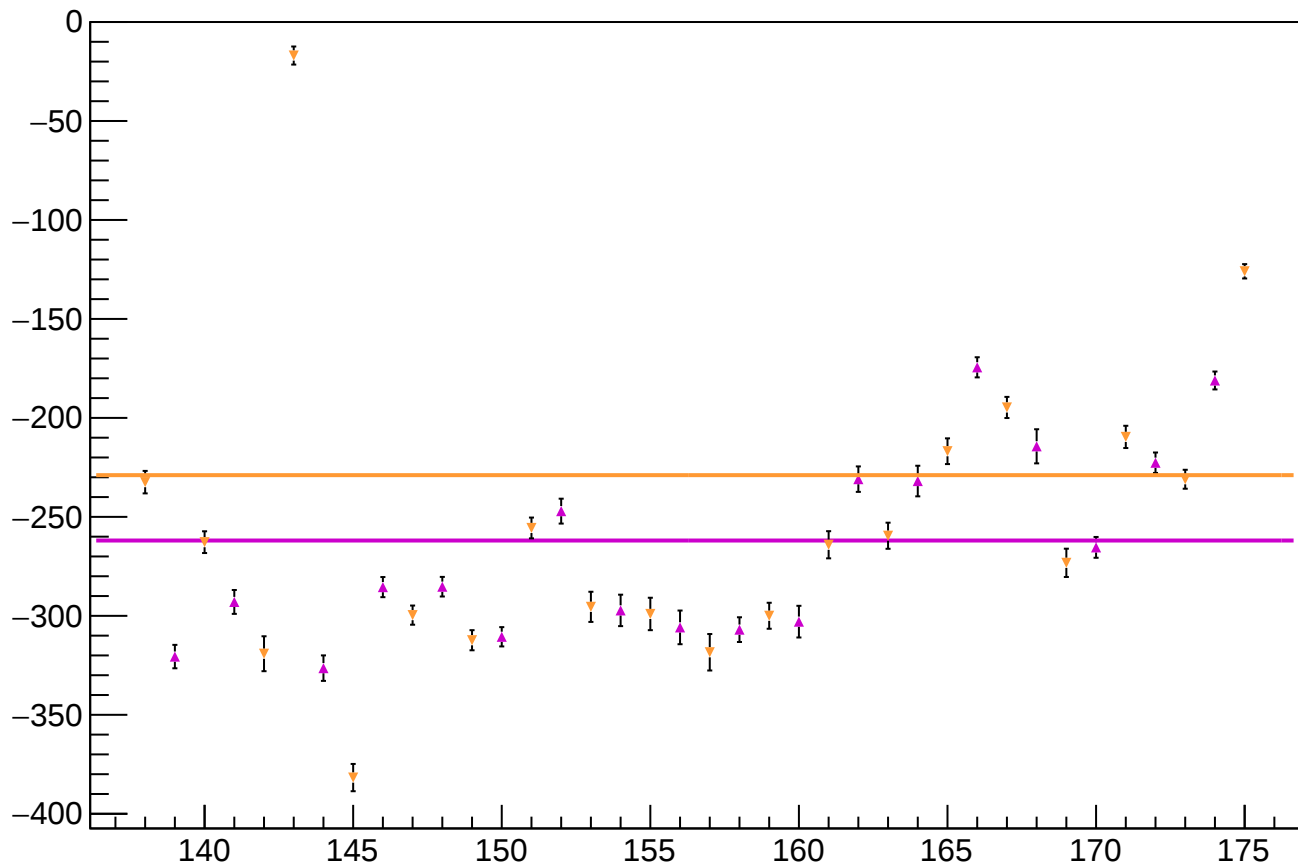
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.957+/-0.079 χ^2/NDF : 206671.1/34

Out: -255.555+/-0.077 χ^2/NDF : 188626.6/38

All: -256.235+/-0.055 χ^2/NDF : 395459.1/73

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -228.925 ± 1.286 $\chi^2/\text{NDF}: 4613.2/19$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -261.945 ± 1.395 $\chi^2/\text{NDF}: 1240.9/17$

Left: -244.087 ± 0.946 $\chi^2/\text{NDF}: 6157.0/37$

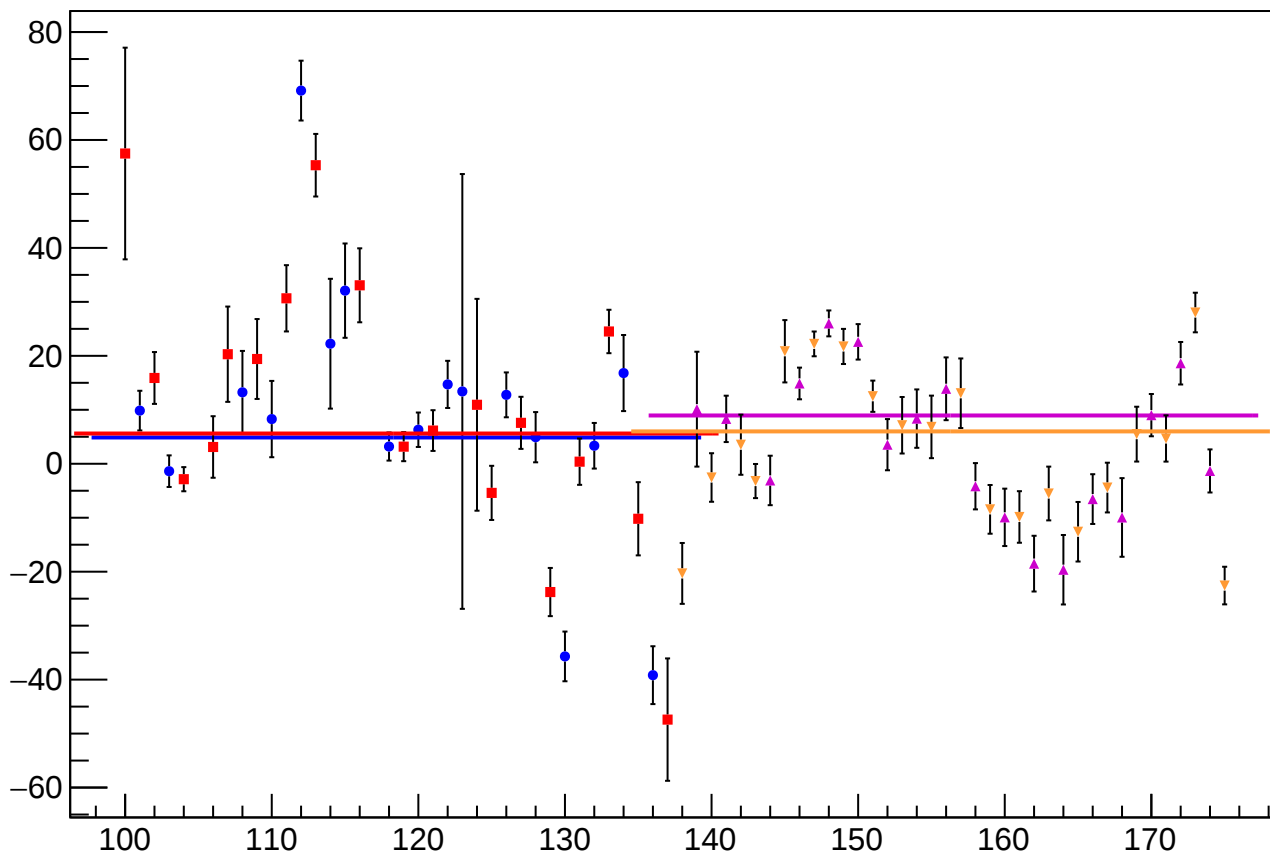
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -261.945 ± 1.395 $\chi^2/\text{NDF}: 1240.9/17$

Out: -228.925 ± 1.286 $\chi^2/\text{NDF}: 4613.2/19$

All: -244.087 ± 0.946 $\chi^2/\text{NDF}: 6157.0/37$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 5.997 ± 0.913 χ^2/NDF : 266.6/19

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 8.947 ± 0.995 χ^2/NDF : 181.4/17

Left: 7.346 ± 0.673 χ^2/NDF : 452.8/37

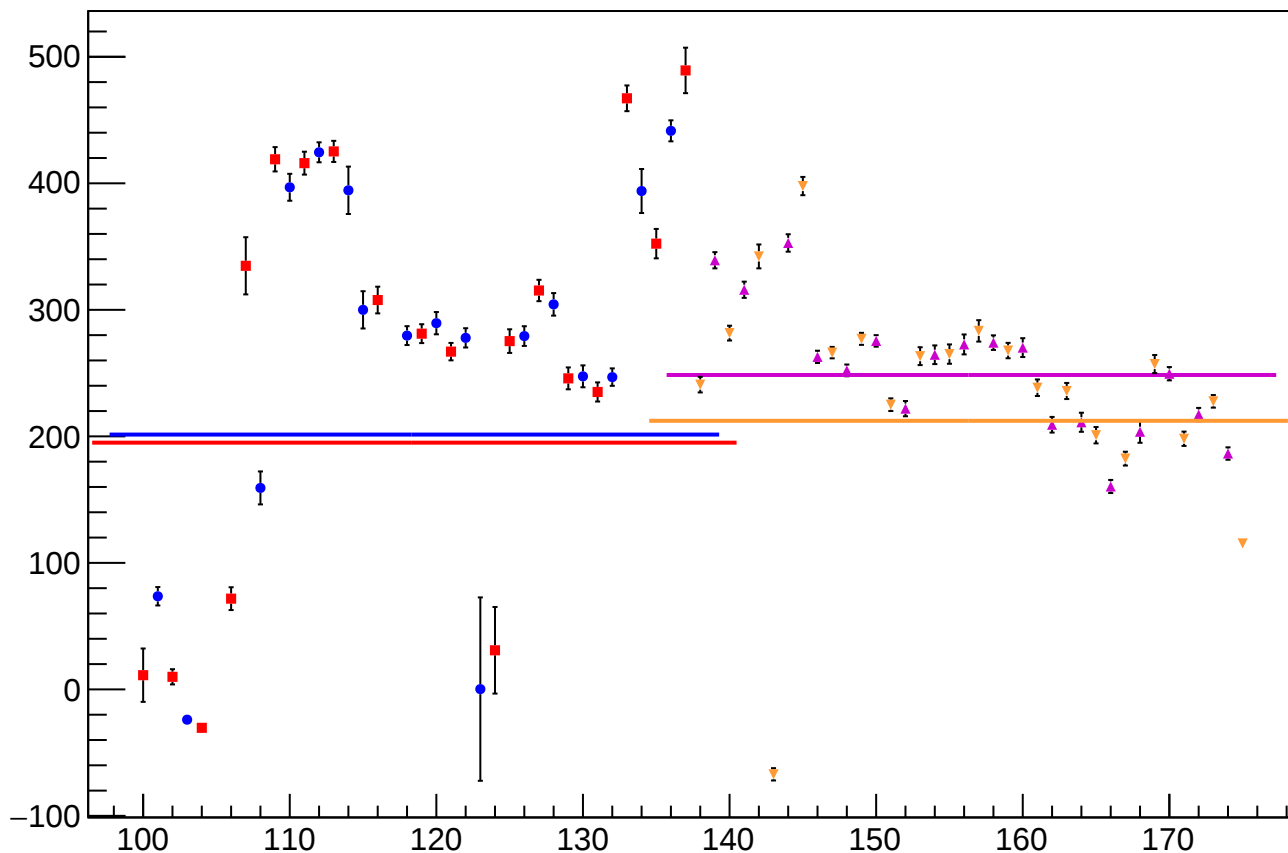
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 7.096 ± 0.735 χ^2/NDF : 500.6/34

Out: 5.832 ± 0.694 χ^2/NDF : 505.3/38

All: 6.428 ± 0.505 χ^2/NDF : 1007.5/73

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 212.293 $\pm$ 1.278 χ^2 /NDF: 5730.8/19

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 248.515 $\pm$ 1.381 χ^2 /NDF: 1222.1/17

Left: 229.004 $\pm$ 0.938 χ^2 /NDF: 7323.6/37

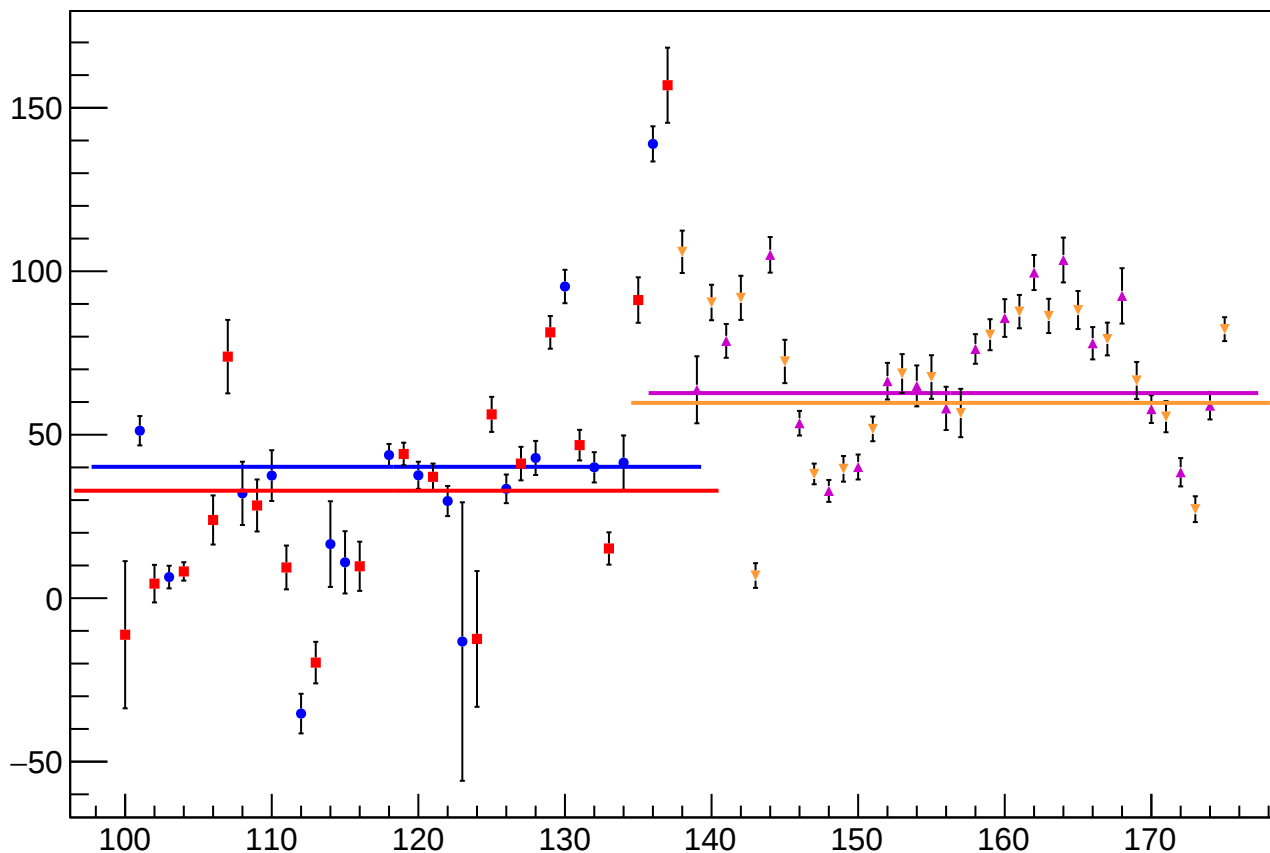
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 233.034 $\pm$ 1.131 χ^2 /NDF: 8345.0/34

Out: 207.004 $\pm$ 1.064 χ^2 /NDF: 14041.4/38

All: 219.225 $\pm$ 0.775 χ^2 /NDF: 22667.3/73

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 59.737+/-1.066 χ^2/NDF : 608.4/19

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 62.739+/-1.160 χ^2/NDF : 354.0/17

Left: 61.112+/-0.785 χ^2/NDF : 966.0/37

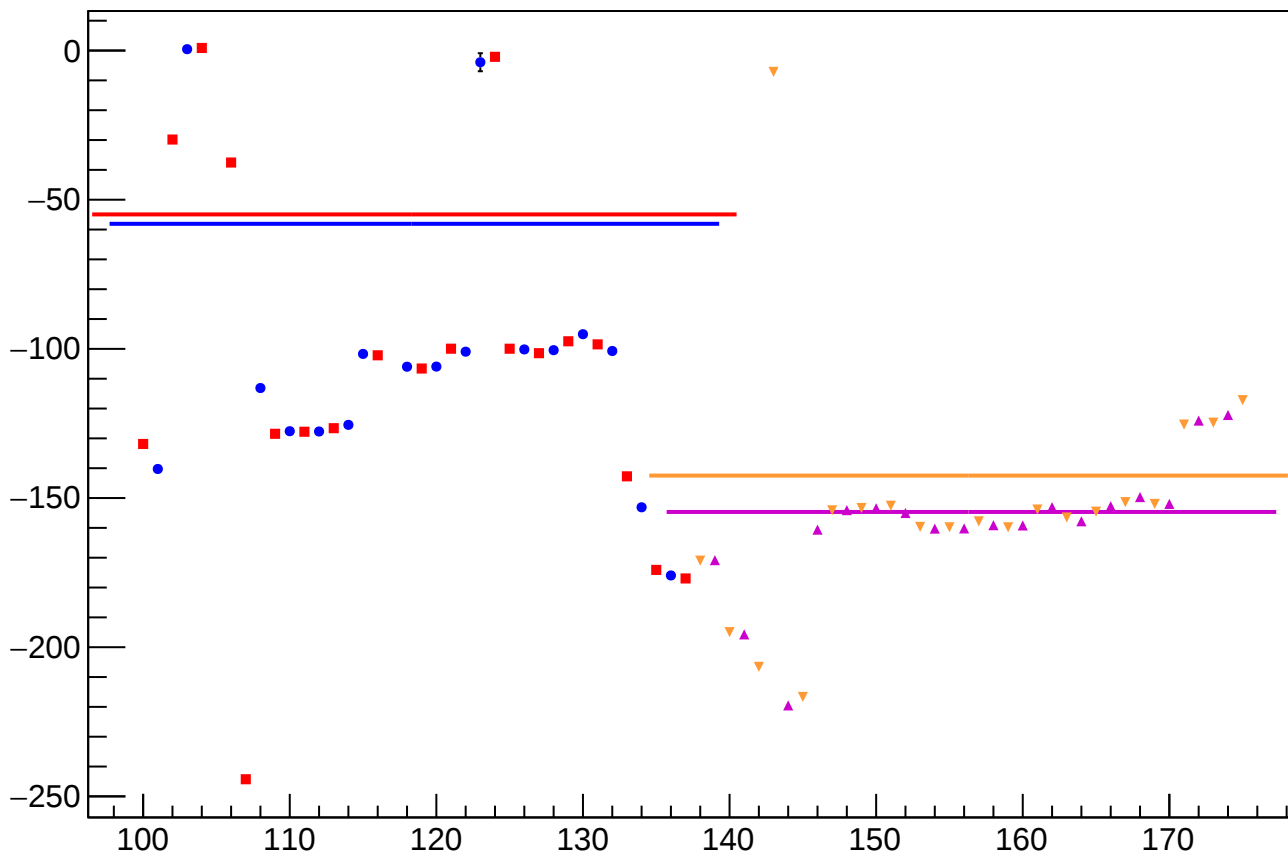
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 52.482+/-0.856 χ^2/NDF : 1260.1/34

Out: 48.428+/-0.812 χ^2/NDF : 1426.5/38

All: 50.346+/-0.589 χ^2/NDF : 2698.4/73

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -142.467 ± 0.052 $\chi^2/\text{NDF}: 705543.0/19$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -154.664 ± 0.054 $\chi^2/\text{NDF}: 139102.7/17$

Left: -148.278 ± 0.037 $\chi^2/\text{NDF}: 871294.7/37$

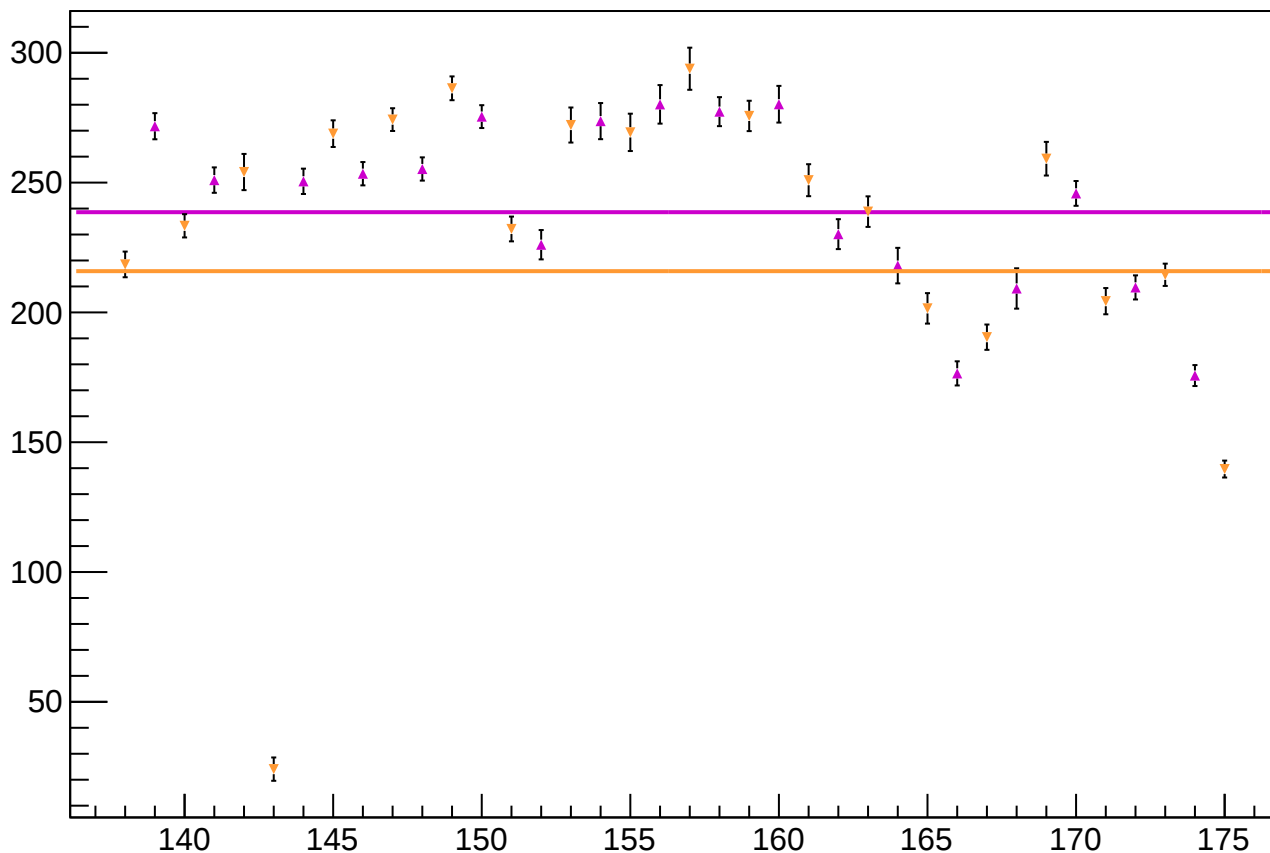
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -112.649 ± 0.041 $\chi^2/\text{NDF}: 2631710.5/34$

Out: -105.415 ± 0.039 $\chi^2/\text{NDF}: 2928856.7/38$

All: -108.899 ± 0.028 $\chi^2/\text{NDF}: 5576993.5/73$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 215.889+/-1.143 χ^2/NDF :3400.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 238.605+/-1.229 χ^2/NDF :782.8/17

Left: 226.422+/-0.837 χ^2/NDF : 4366.8/37

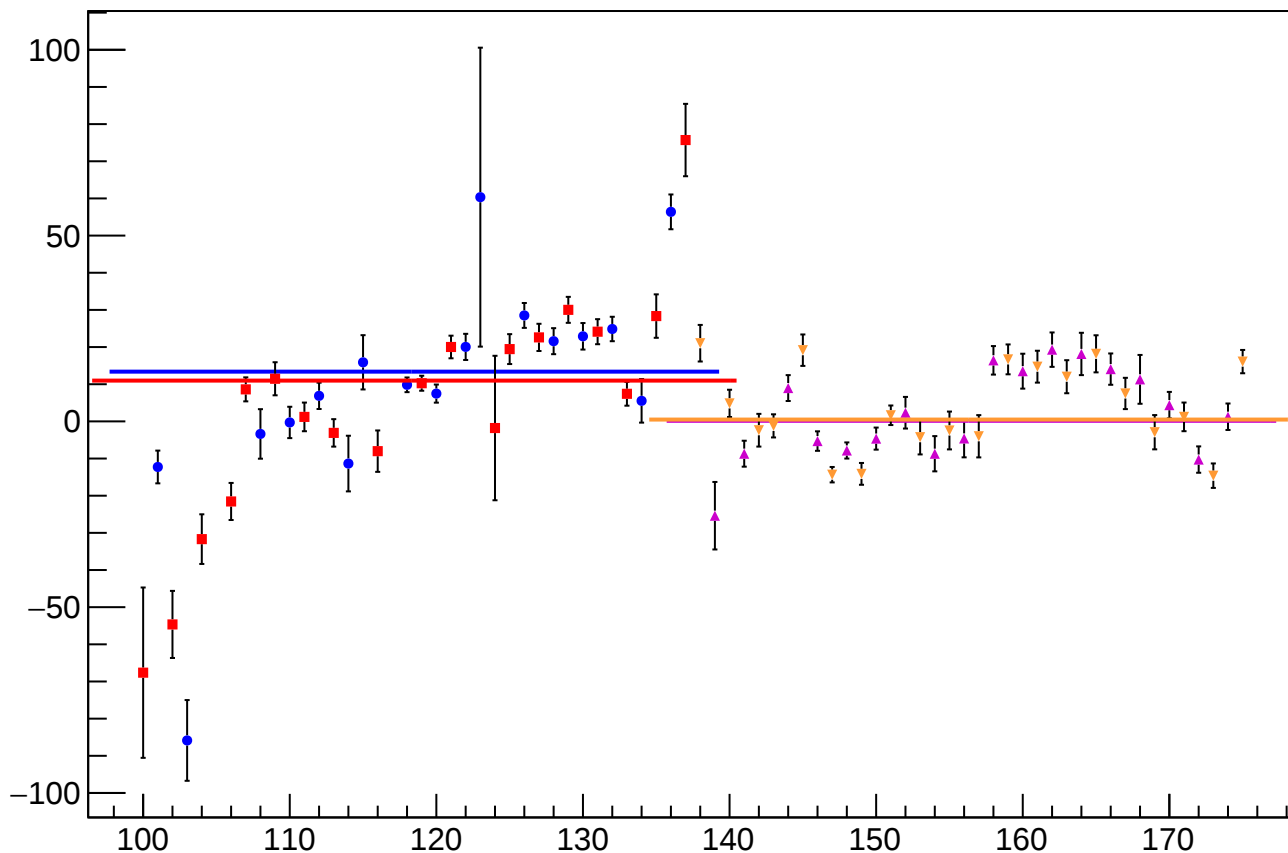
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 238.605+/-1.229 χ^2/NDF :782.8/17

Out: 215.889+/-1.143 χ^2/NDF :3400.7/19

All: 226.422+/-0.837 χ^2/NDF : 4366.8/37

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 0.488 ± 0.815 χ^2/NDF : 212.7/19

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: 0.149 ± 0.879 χ^2/NDF : 122.9/17

Left: 0.331 ± 0.598 χ^2/NDF : 335.7/37

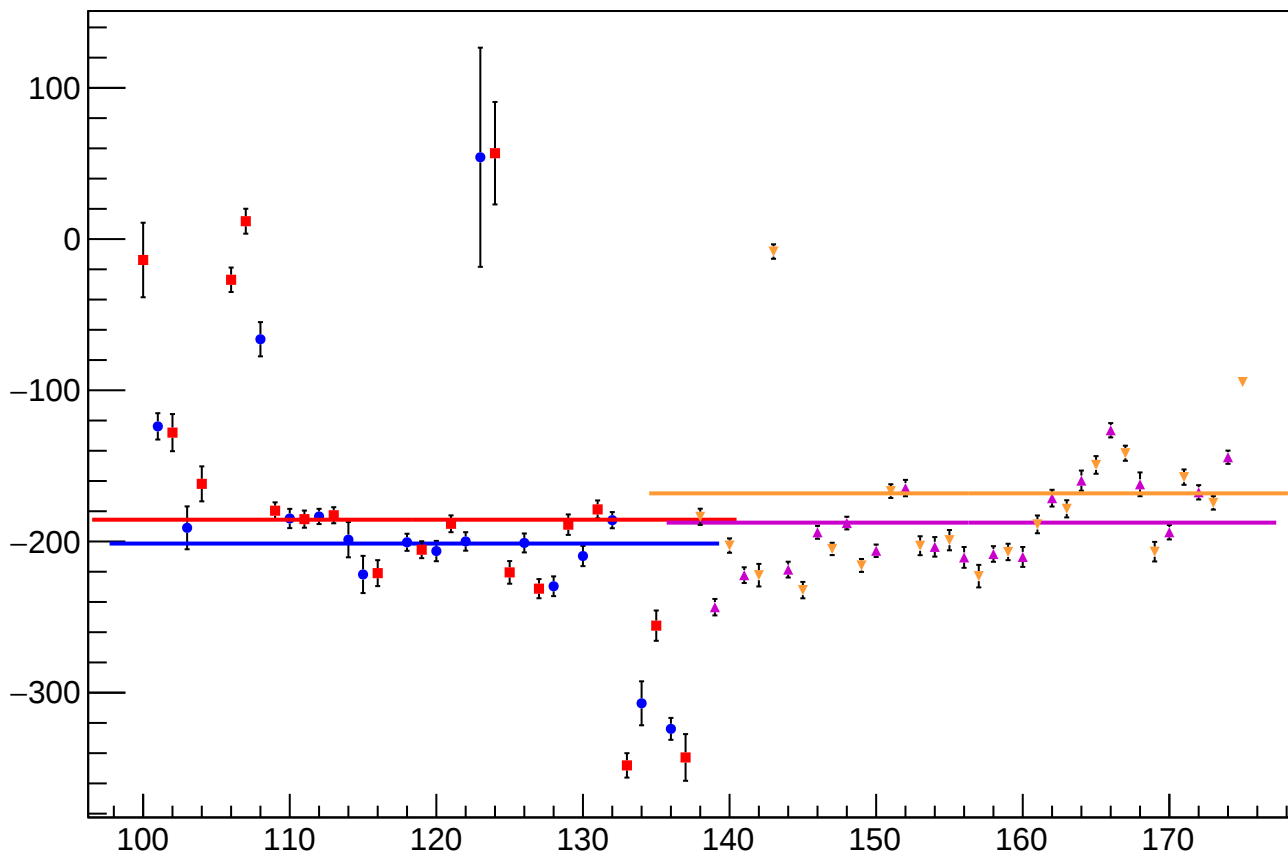
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 6.460 ± 0.636 χ^2/NDF : 525.0/34

Out: 5.128 ± 0.608 χ^2/NDF : 590.1/38

All: 5.764 ± 0.440 χ^2/NDF : 1117.4/73

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -168.167 ± 1.137 $\chi^2/\text{NDF}: 2335.7/19$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -187.535 ± 1.219 $\chi^2/\text{NDF}: 590.9/17$

Left: -177.182 ± 0.832 $\chi^2/\text{NDF}: 3061.6/37$

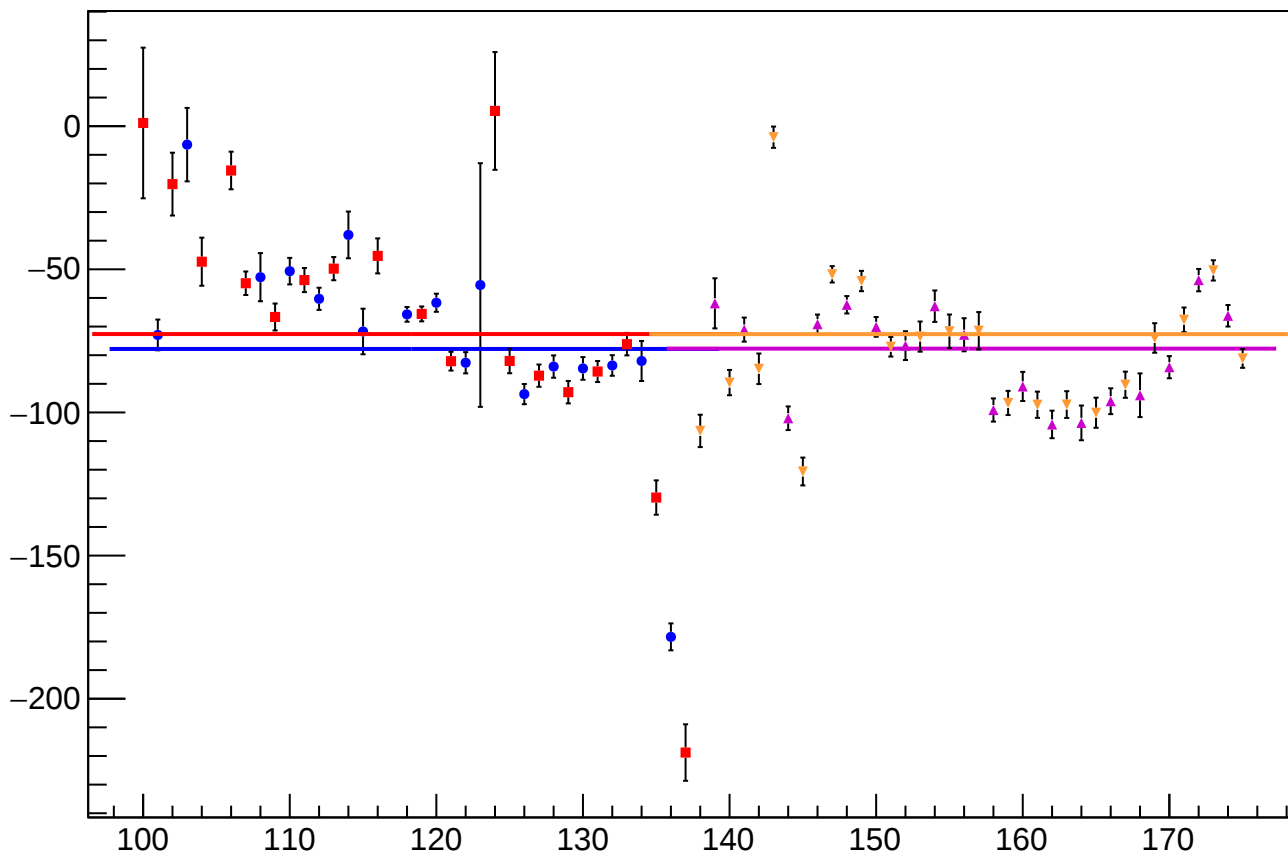
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -191.938 ± 1.006 $\chi^2/\text{NDF}: 1256.9/34$

Out: -173.557 ± 0.945 $\chi^2/\text{NDF}: 4156.5/38$

All: -182.172 ± 0.689 $\chi^2/\text{NDF}: 5590.7/73$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -72.646 ± 0.951 χ^2/NDF : 756.2/19

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -77.708 ± 1.025 χ^2/NDF : 239.5/17

Left: -74.989 ± 0.697 χ^2/NDF : 1008.7/37

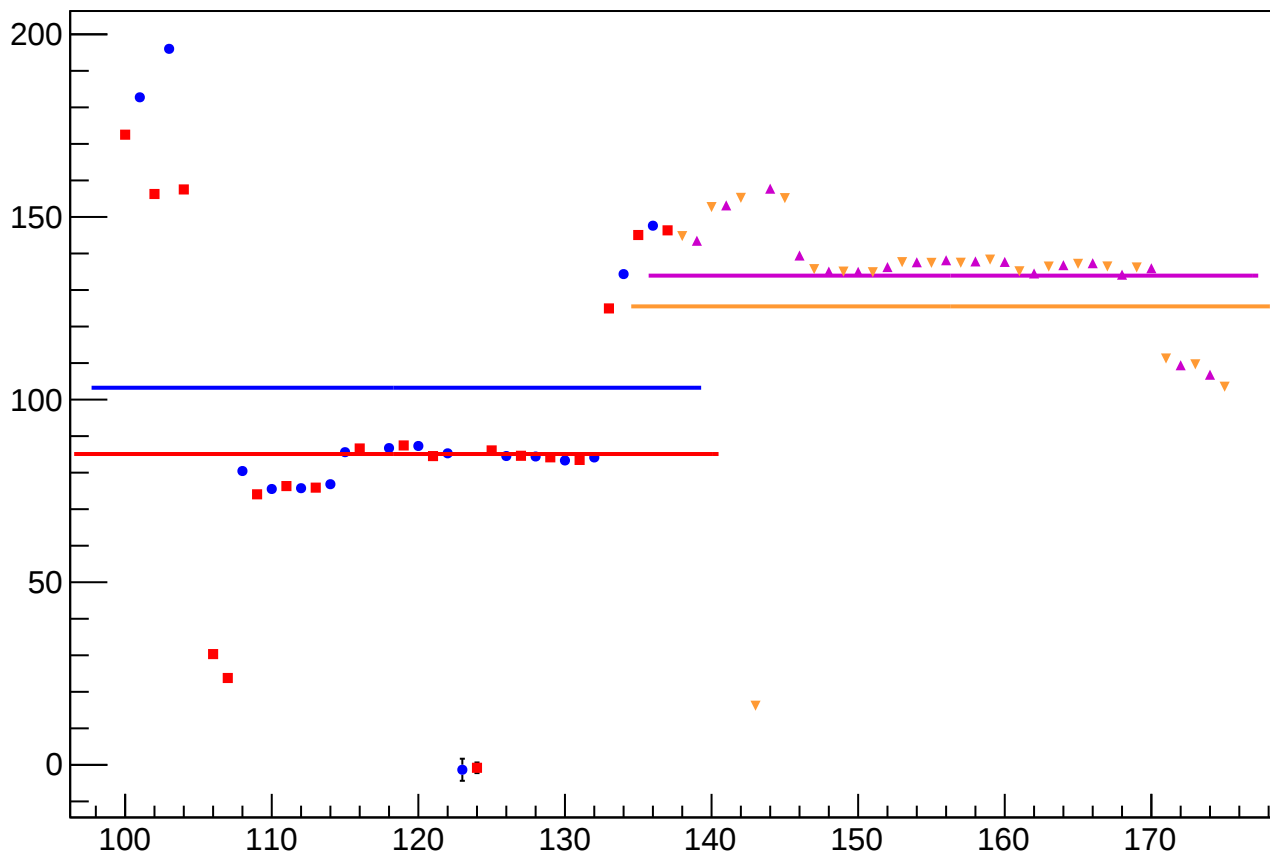
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.761 ± 0.739 χ^2/NDF : 895.8/34

Out: -72.632 ± 0.706 χ^2/NDF : 1363.0/38

All: -75.077 ± 0.511 χ^2/NDF : 2284.0/73

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 125.518 $\pm$ 0.046 χ^2 /NDF: 443997.8/19

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 133.937 $\pm$ 0.048 χ^2 /NDF: 74580.0/17

Left: 129.557 $\pm$ 0.033 χ^2 /NDF: 534749.9/37

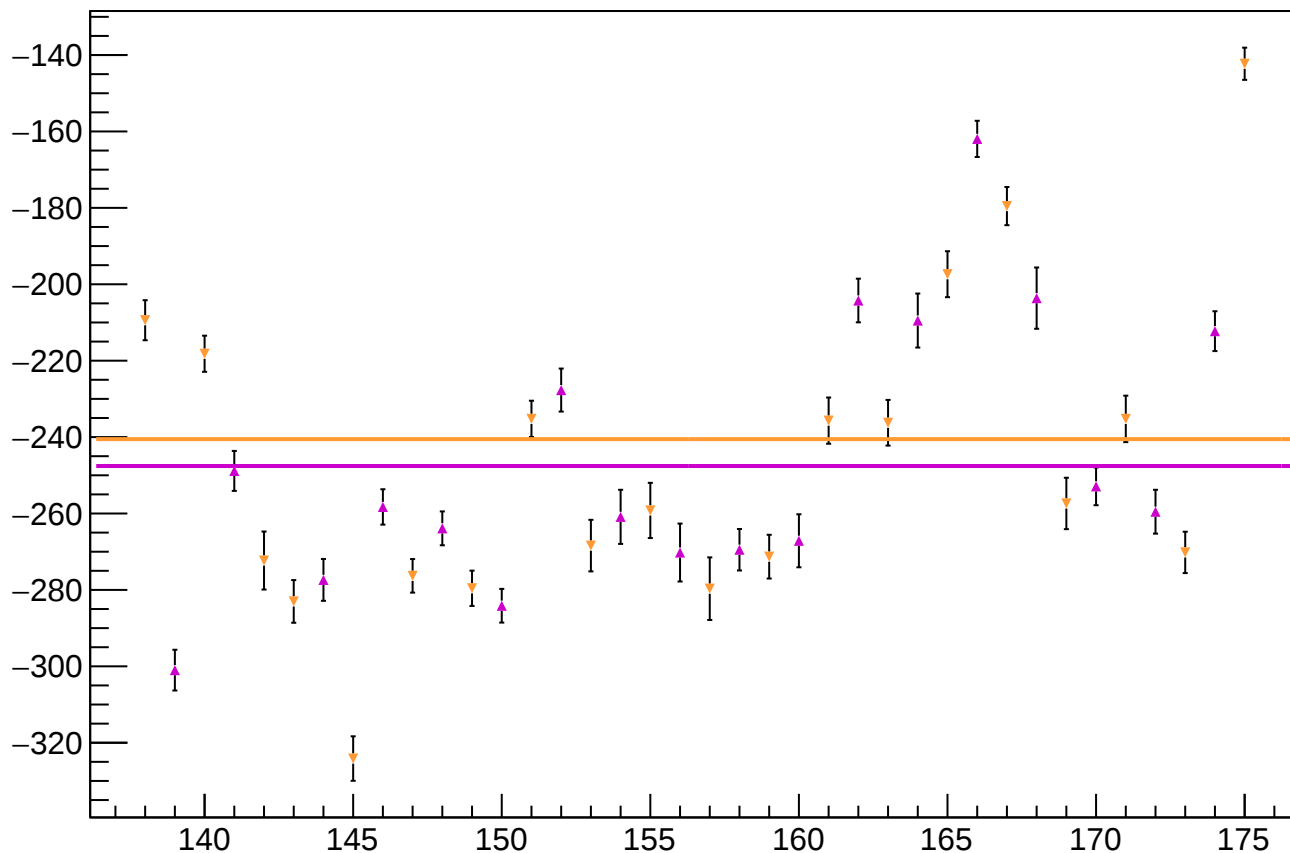
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 124.277 $\pm$ 0.040 χ^2 /NDF: 477974.5/34

Out: 111.726 $\pm$ 0.037 χ^2 /NDF: 1132586.9/38

All: 117.624 $\pm$ 0.027 χ^2 /NDF: 1663996.8/73

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -240.531+/-1.238 χ^2/NDF :1336.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -247.571+/-1.295 χ^2/NDF :761.8/17

Left: -243.893+/-0.895 χ^2/NDF : 2113.8/37

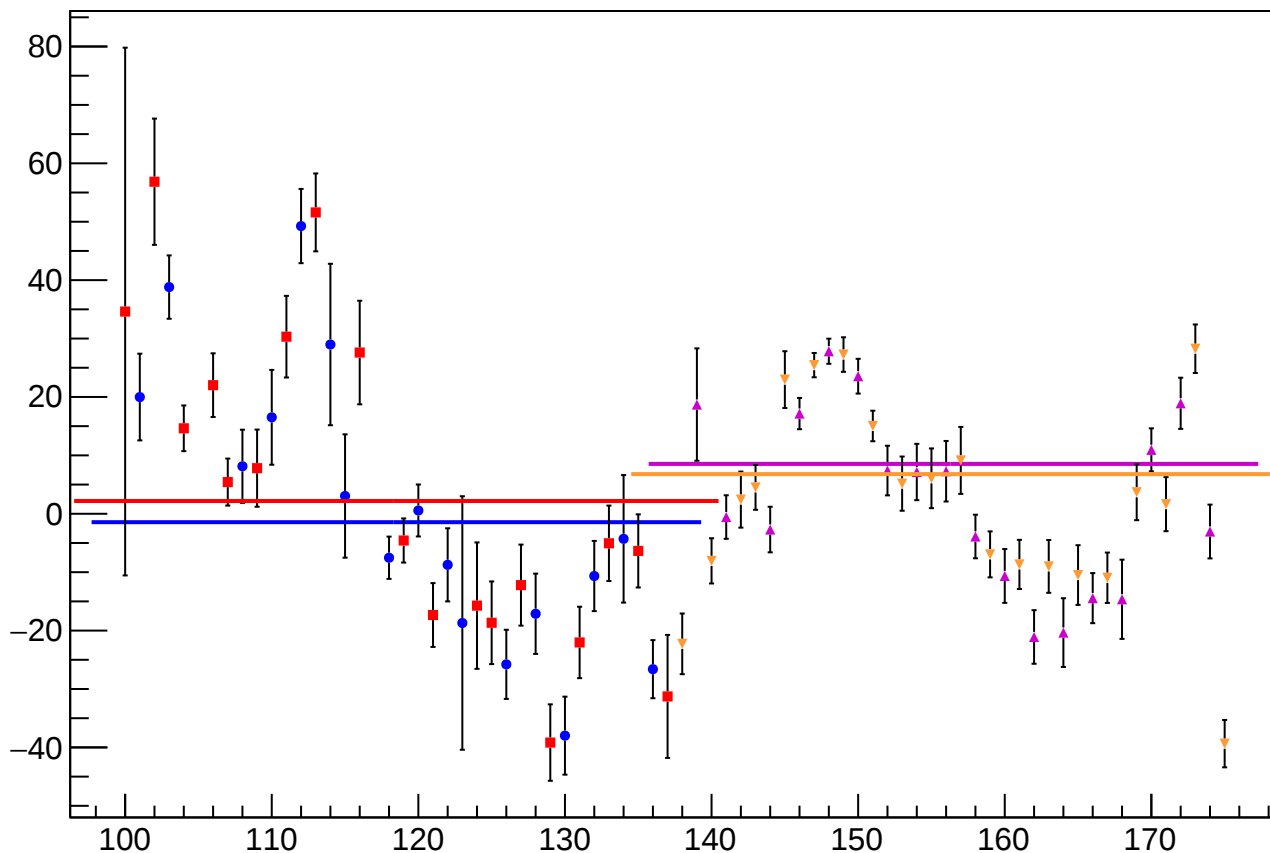
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -247.571+/-1.295 χ^2/NDF :761.8/17

Out: -240.531+/-1.238 χ^2/NDF :1336.5/19

All: -243.893+/-0.895 χ^2/NDF : 2113.8/37

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 6.791 ± 0.865 $\chi^2/\text{NDF}: 421.3/19$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 8.538 ± 0.914 $\chi^2/\text{NDF}: 278.9/17$

Left: 7.617 ± 0.628 $\chi^2/\text{NDF}: 702.2/37$

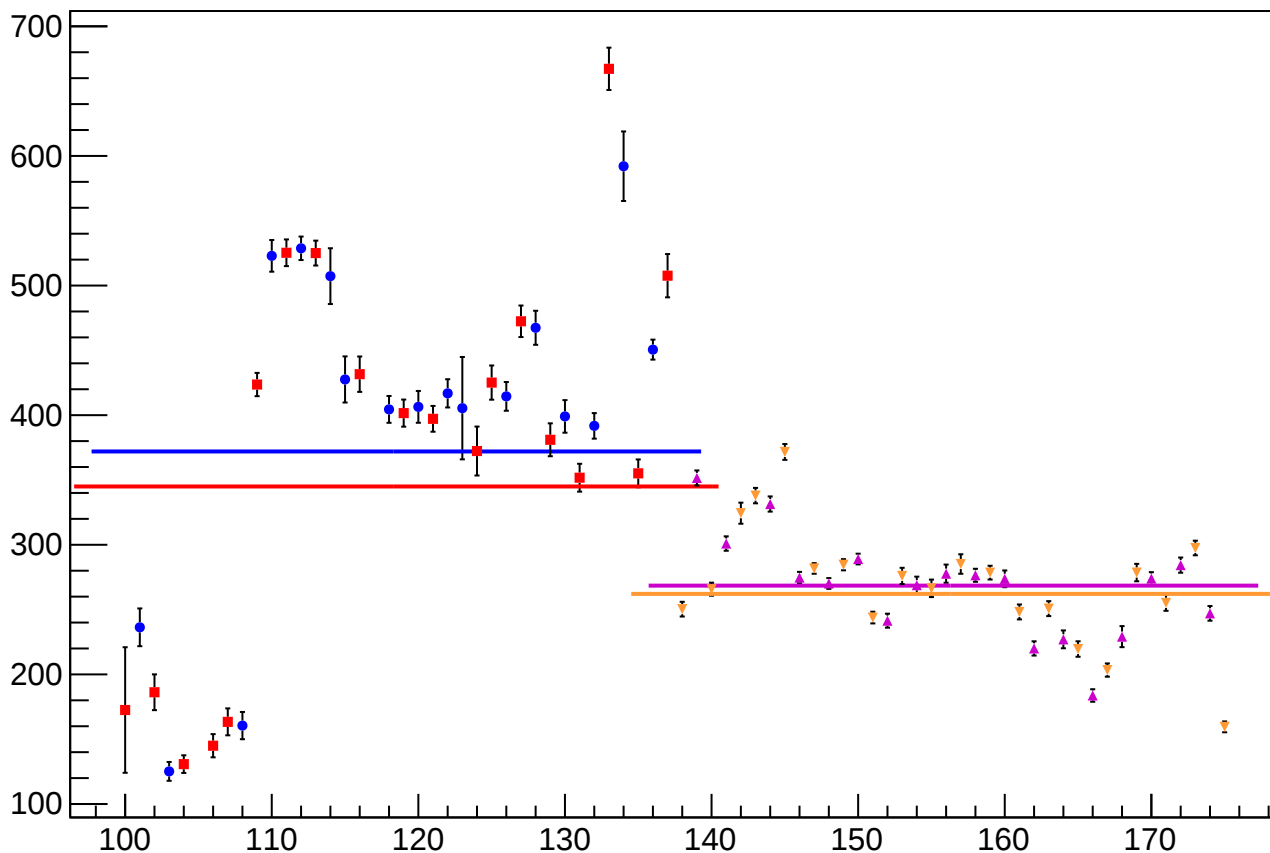
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 5.879 ± 0.783 $\chi^2/\text{NDF}: 535.1/34$

Out: 5.520 ± 0.736 $\chi^2/\text{NDF}: 659.9/38$

All: 5.688 ± 0.536 $\chi^2/\text{NDF}: 1195.1/73$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 262.113 $\pm$ 1.225 χ^2 /NDF:1472.0/19

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 268.486 $\pm$ 1.276 χ^2 /NDF:882.6/17

Left: 265.170 $\pm$ 0.884 χ^2 /NDF: 2367.5/37

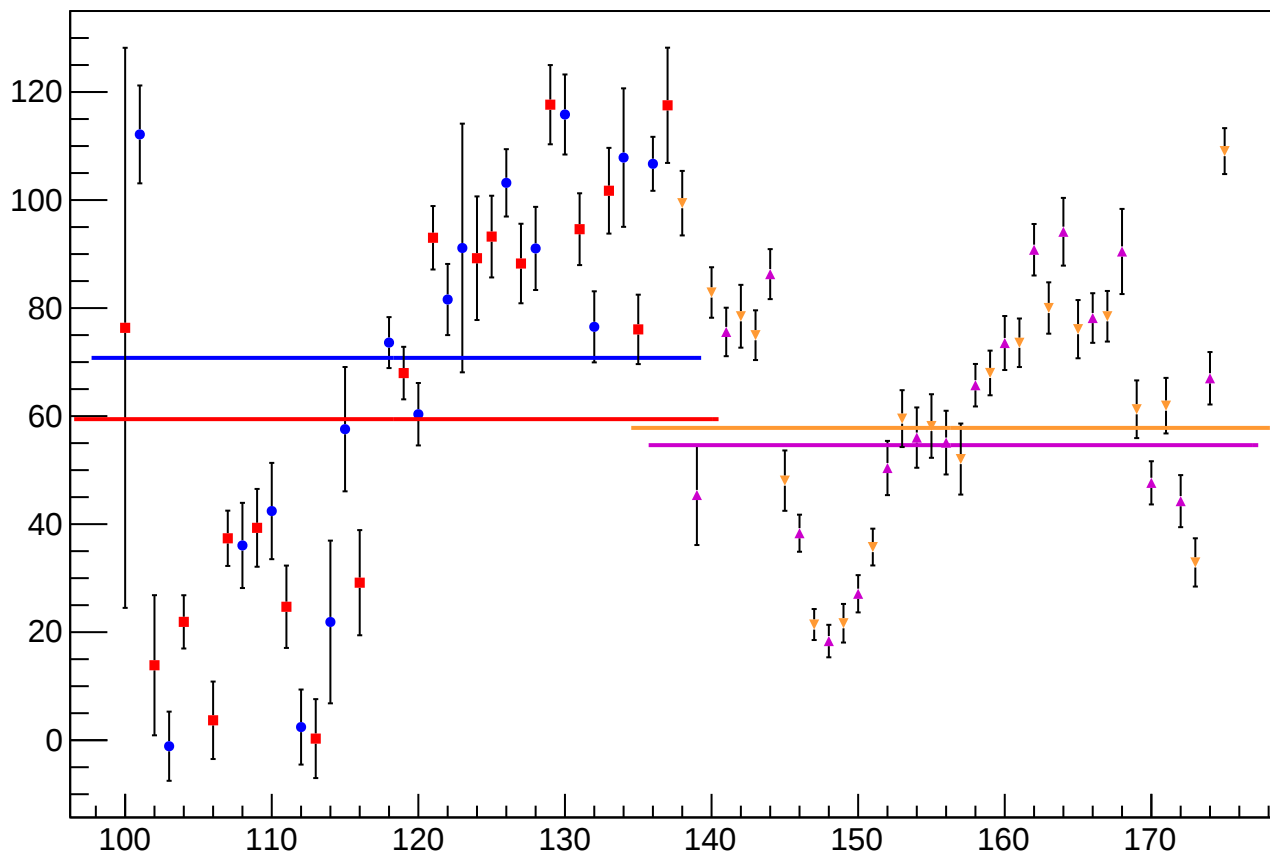
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 286.659 $\pm$ 1.158 χ^2 /NDF:4469.4/34

Out: 277.545 $\pm$ 1.105 χ^2 /NDF:5738.7/38

All: 281.887 $\pm$ 0.800 χ^2 /NDF: 10240.6/73

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 57.818 $\pm$ 1.017 χ^2 /NDF:661.5/19

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 54.625 $\pm$ 1.070 χ^2 /NDF:482.7/17

Left: 56.303 $\pm$ 0.737 χ^2 /NDF: 1148.8/37

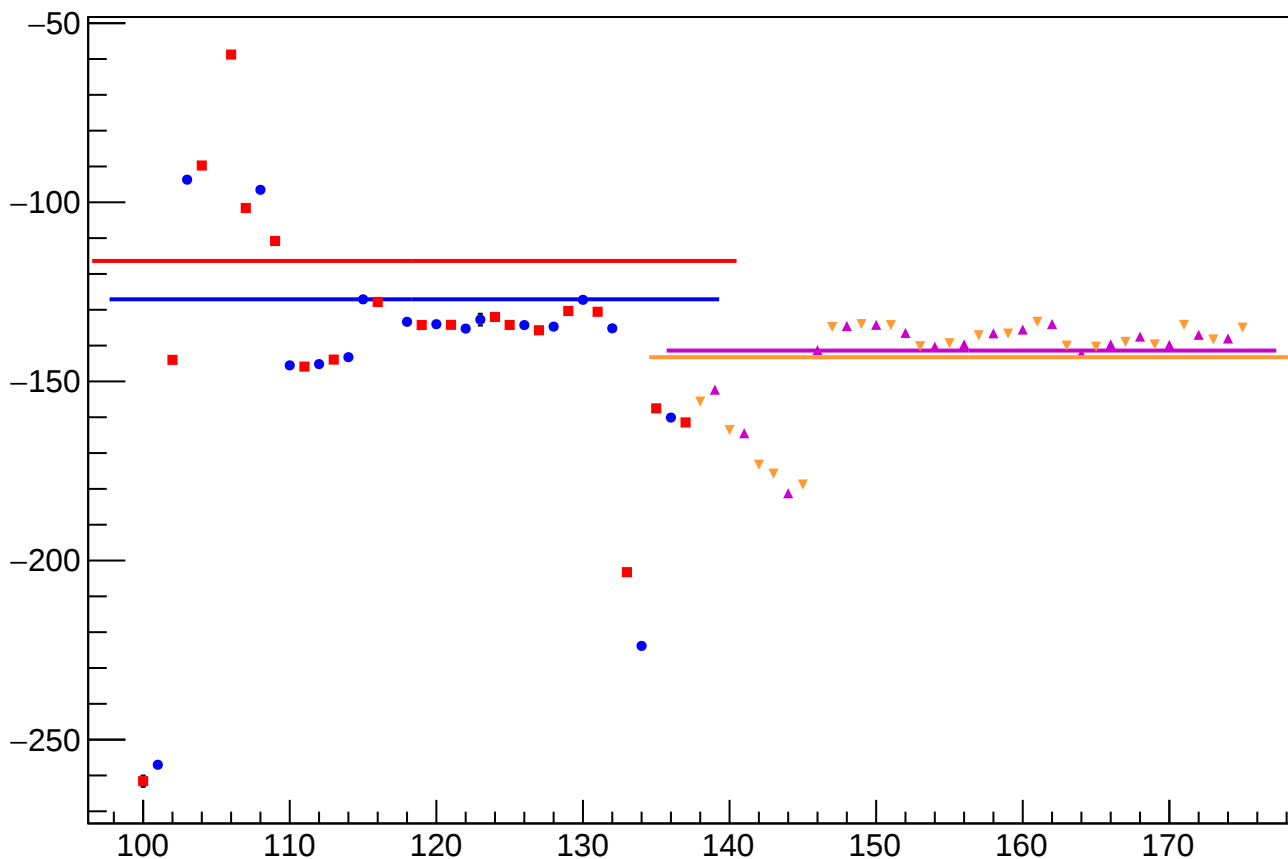
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 59.033 $\pm$ 0.912 χ^2 /NDF:968.8/34

Out: 58.271 $\pm$ 0.863 χ^2 /NDF:1148.9/38

All: 58.631 $\pm$ 0.627 χ^2 /NDF: 2118.1/73

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -143.241+/-0.049 χ^2/NDF : 75694.8/19

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -141.393+/-0.050 χ^2/NDF : 44804.3/17

Left: -142.334+/-0.035 χ^2/NDF : 121189.5/37

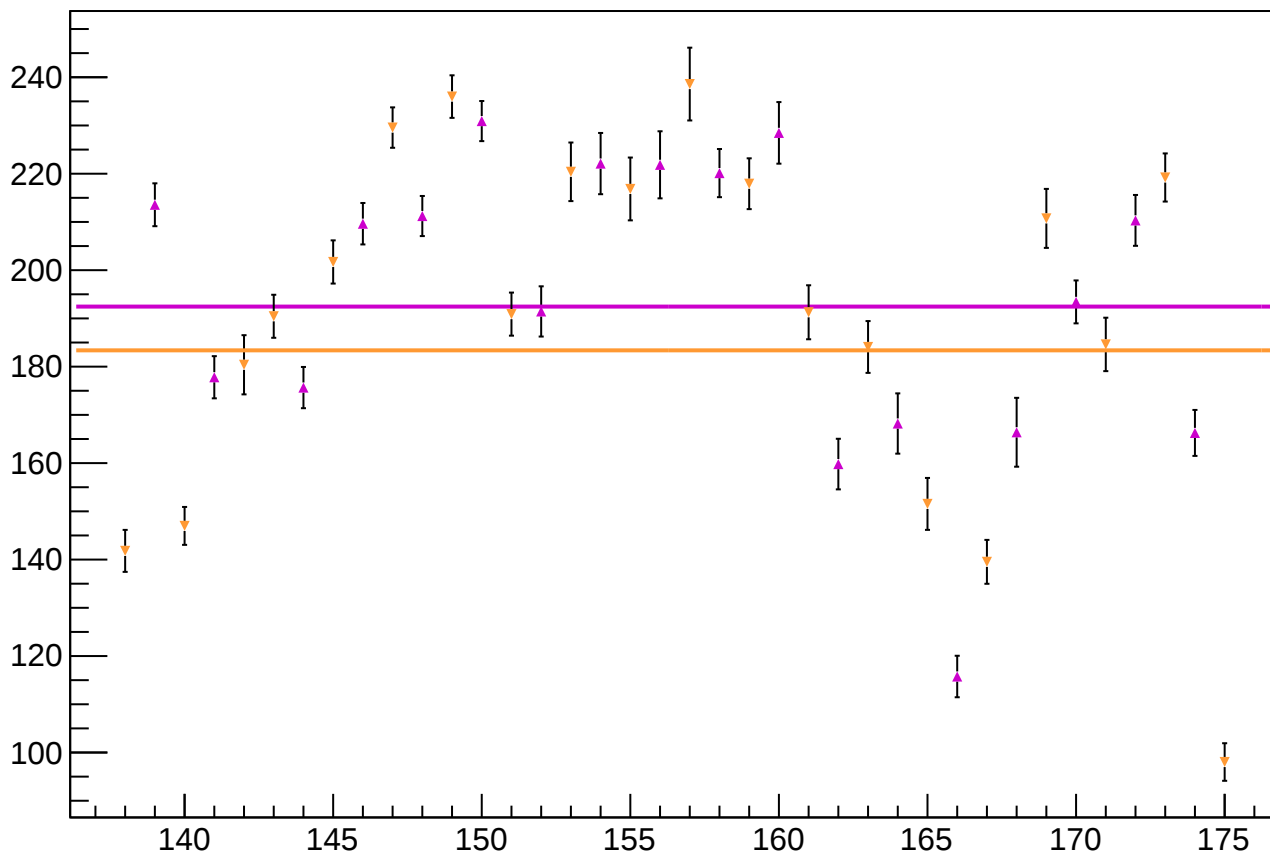
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.968+/-0.044 χ^2/NDF : 231289.3/34

Out: -136.225+/-0.042 χ^2/NDF : 320916.5/38

All: -137.068+/-0.030 χ^2/NDF : 553024.9/73

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 183.379 $\pm$ 1.103 χ^2/NDF :1304.8/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 192.452 $\pm$ 1.162 χ^2/NDF :700.2/17

Left: 187.680 $\pm$ 0.800 χ^2/NDF : 2037.1/37

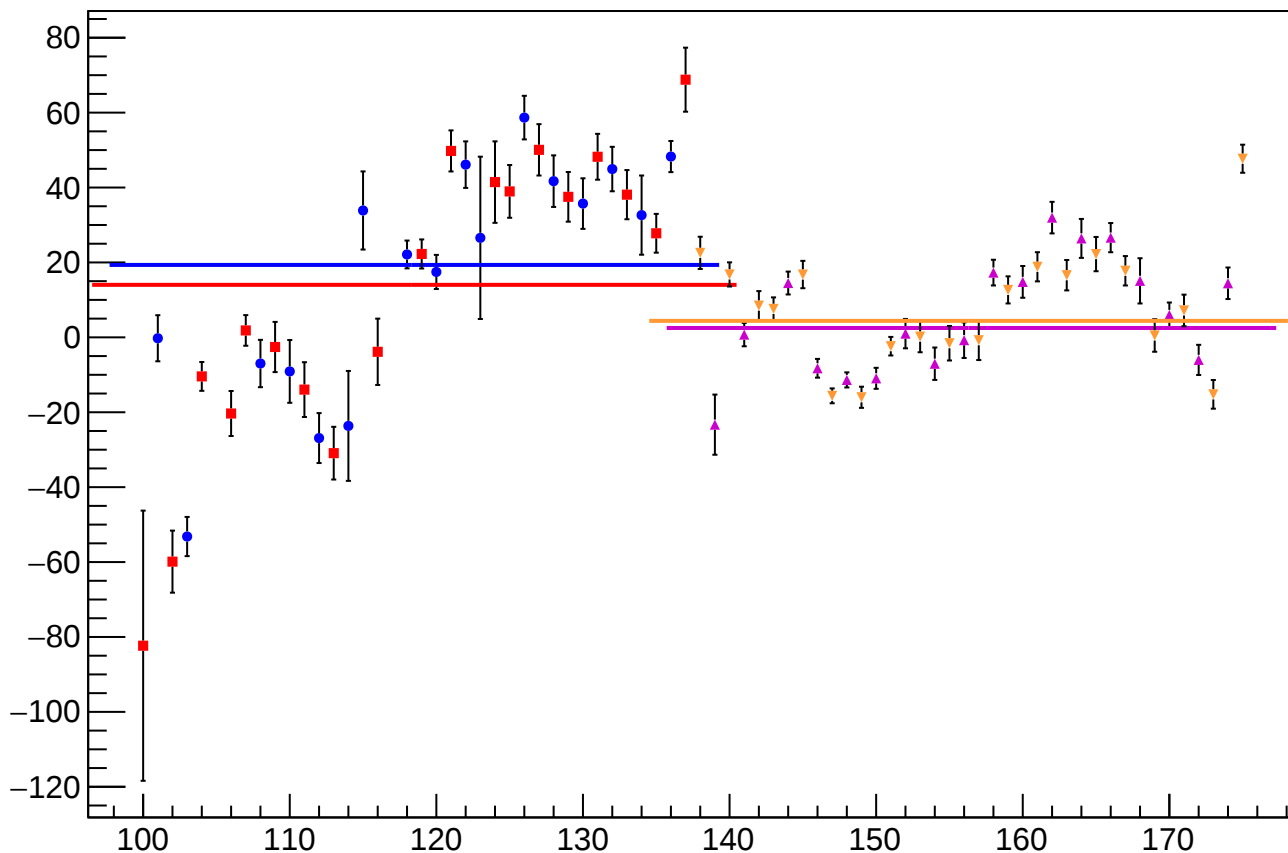
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 192.452 $\pm$ 1.162 χ^2/NDF :700.2/17

Out: 183.379 $\pm$ 1.103 χ^2/NDF :1304.8/19

All: 187.680 $\pm$ 0.800 χ^2/NDF : 2037.1/37

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 4.403 ± 0.780 $\chi^2/\text{NDF}: 427.0/19$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 2.501 ± 0.828 $\chi^2/\text{NDF}: 273.6/17$

Left: 3.510 ± 0.568 $\chi^2/\text{NDF}: 703.4/37$

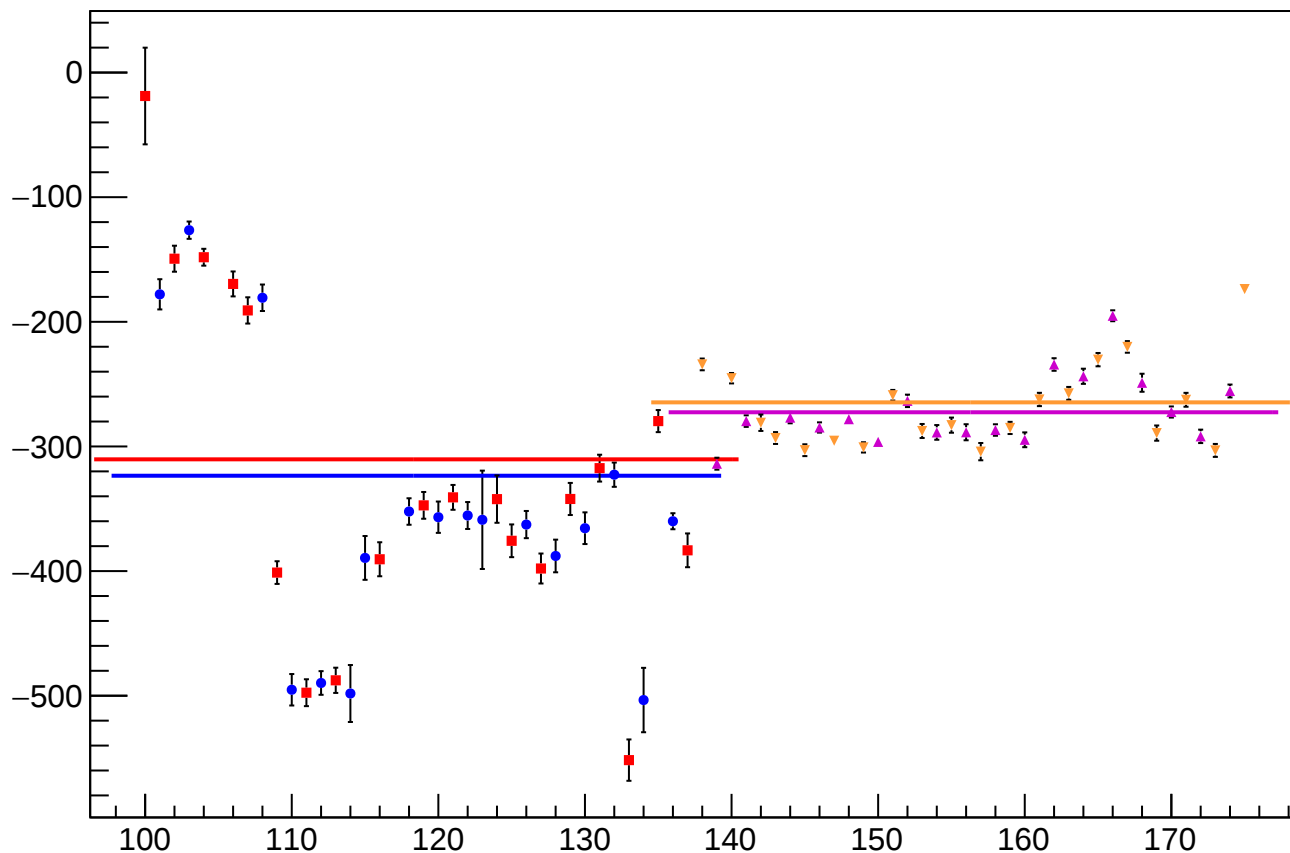
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 6.509 ± 0.723 $\chi^2/\text{NDF}: 811.7/34$

Out: 6.704 ± 0.680 $\chi^2/\text{NDF}: 896.6/38$

All: 6.612 ± 0.495 $\chi^2/\text{NDF}: 1708.4/73$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491+/-2.673 χ^2/NDF : 1847.6/16

Left Out: -264.626+/-1.098 χ^2/NDF : 1139.5/19

Right Out: -310.336+/-2.522 χ^2/NDF : 2300.5/18

Left In: -272.572+/-1.150 χ^2/NDF : 592.6/17

Left: -268.415+/-0.794 χ^2/NDF : 1757.1/37

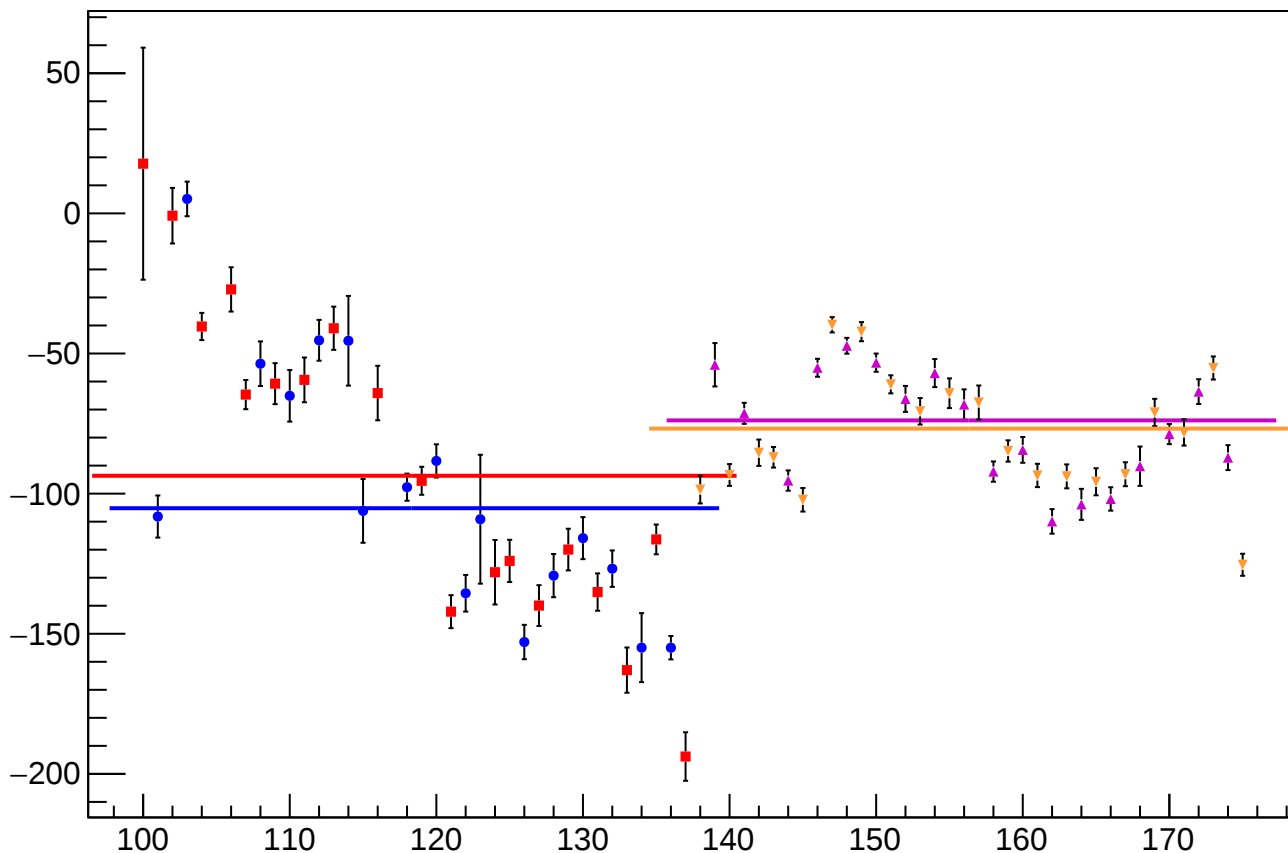
Right: -316.531+/-1.834 χ^2/NDF : 4160.9/35

In: -280.522+/-1.056 χ^2/NDF : 2746.4/34

Out: -271.908+/-1.007 χ^2/NDF : 3716.3/38

All: -276.008+/-0.729 χ^2/NDF : 6497.6/73

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -76.799 ± 0.914 χ^2/NDF : 652.9/19

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -73.867 ± 0.968 χ^2/NDF : 415.4/17

Left: -75.417 ± 0.665 χ^2/NDF : 1073.1/37

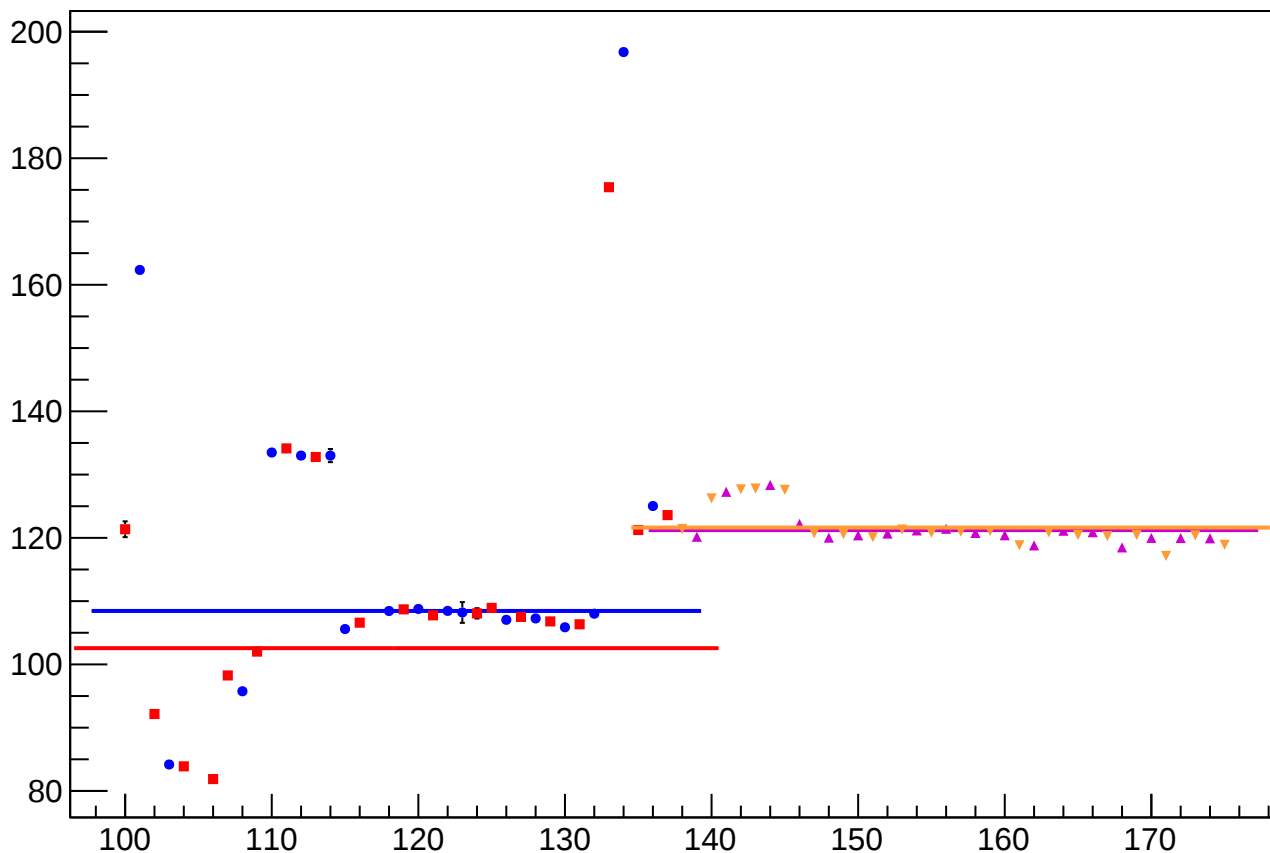
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -81.562 ± 0.841 χ^2/NDF : 1408.4/34

Out: -80.901 ± 0.795 χ^2/NDF : 1558.1/38

All: -81.213 ± 0.578 χ^2/NDF : 2966.8/73

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2/NDF : 73265.3/16

Left Out: 121.626 $\pm$ 0.044 χ^2/NDF : 4455.7/19

Right Out: 102.566 $\pm$ 0.079 χ^2/NDF : 53135.3/18

Left In: 121.227 $\pm$ 0.045 χ^2/NDF : 2880.9/17

Left: 121.432 $\pm$ 0.032 χ^2/NDF : 7376.6/37

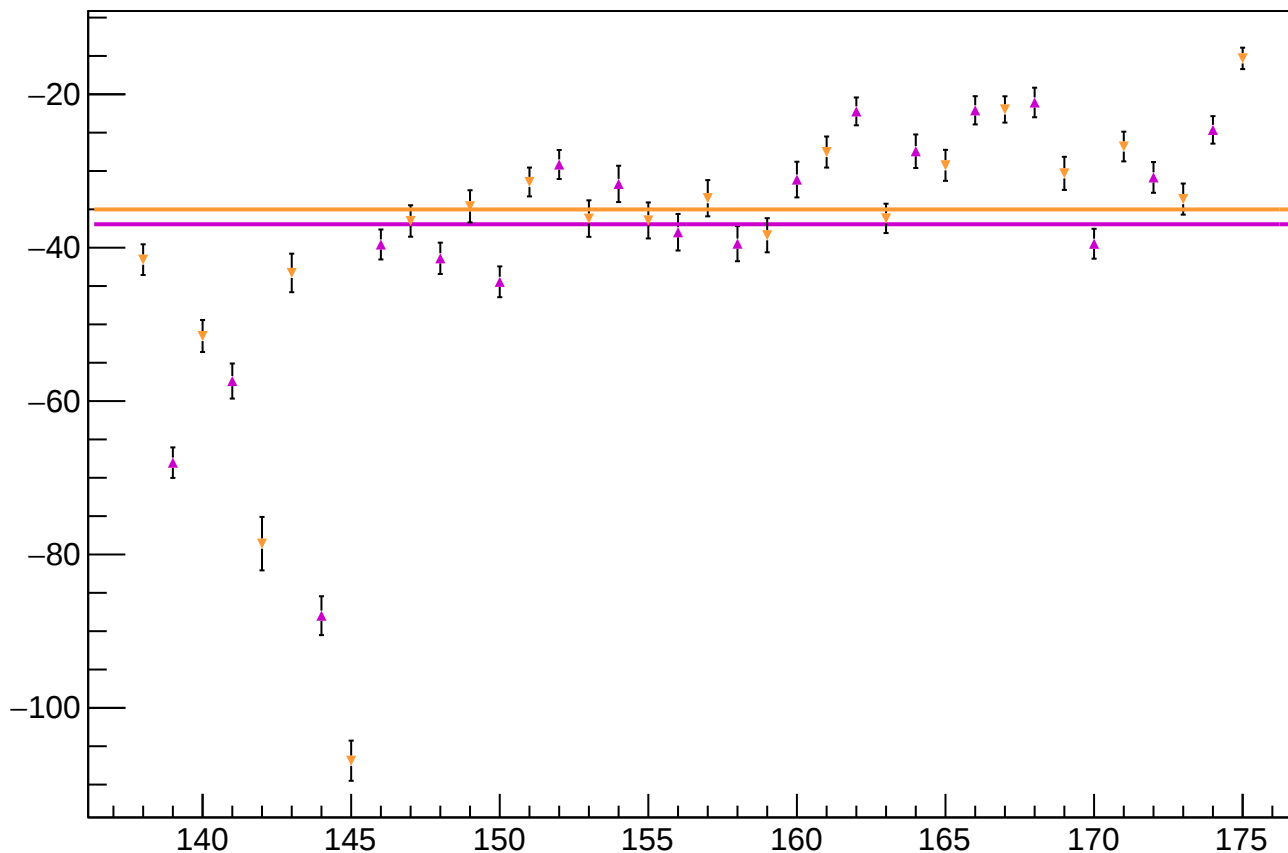
Right: 105.316 $\pm$ 0.058 χ^2/NDF : 128963.5/35

In: 118.398 $\pm$ 0.040 χ^2/NDF : 93830.6/34

Out: 117.140 $\pm$ 0.039 χ^2/NDF : 101607.0/38

All: 117.747 $\pm$ 0.028 χ^2/NDF : 195952.0/73

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -35.013 ± 0.462 χ^2/NDF : 1302.6/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -36.945 ± 0.485 χ^2/NDF : 1054.6/17

Left: -35.932 ± 0.334 χ^2/NDF : 2365.5/37

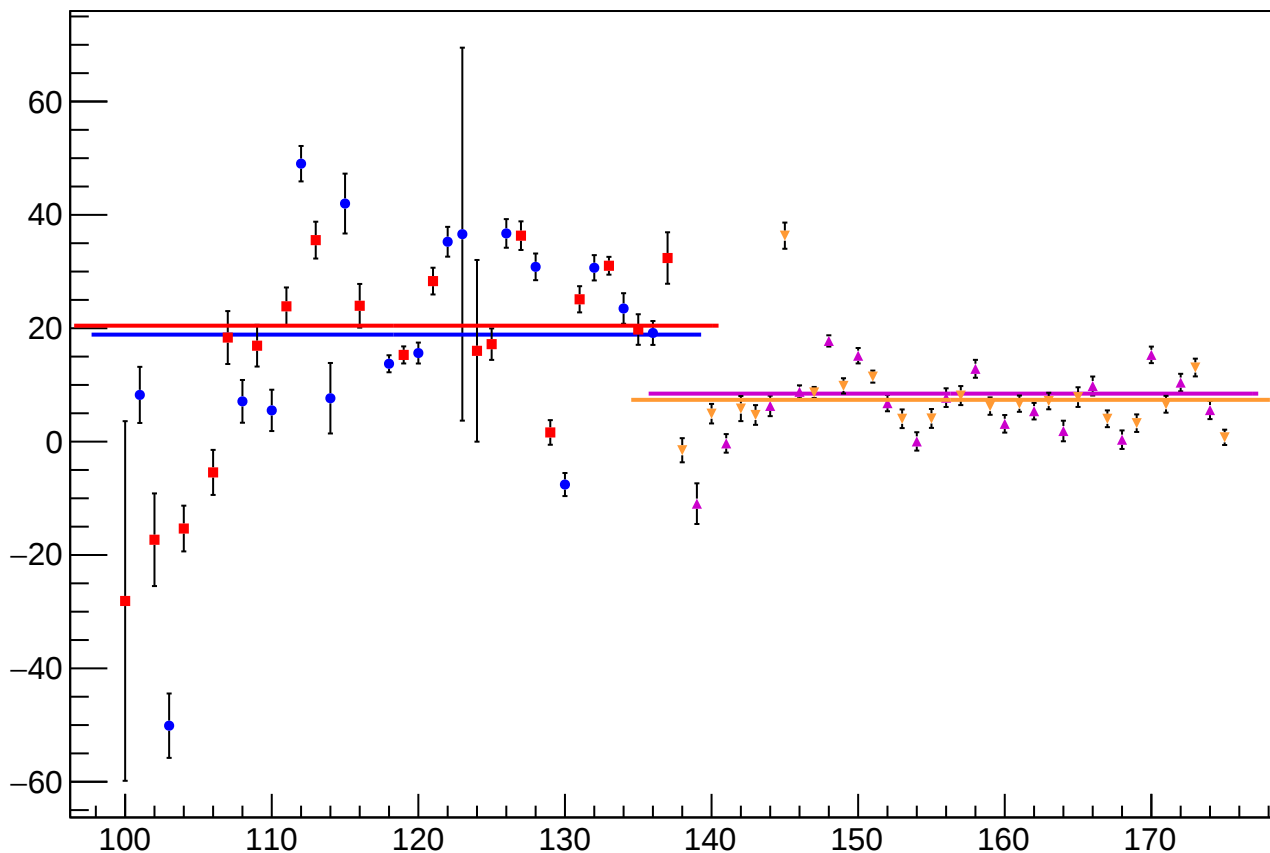
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -36.945 ± 0.485 χ^2/NDF : 1054.6/17

Out: -35.013 ± 0.462 χ^2/NDF : 1302.6/19

All: -35.932 ± 0.334 χ^2/NDF : 2365.5/37

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 7.371 ± 0.336 $\chi^2/\text{NDF}: 258.0/19$

Right Out: 20.454 ± 0.643 $\chi^2/\text{NDF}: 364.8/18$

Left In: 8.466 ± 0.355 $\chi^2/\text{NDF}: 289.4/17$

Left: 7.889 ± 0.244 $\chi^2/\text{NDF}: 552.4/37$

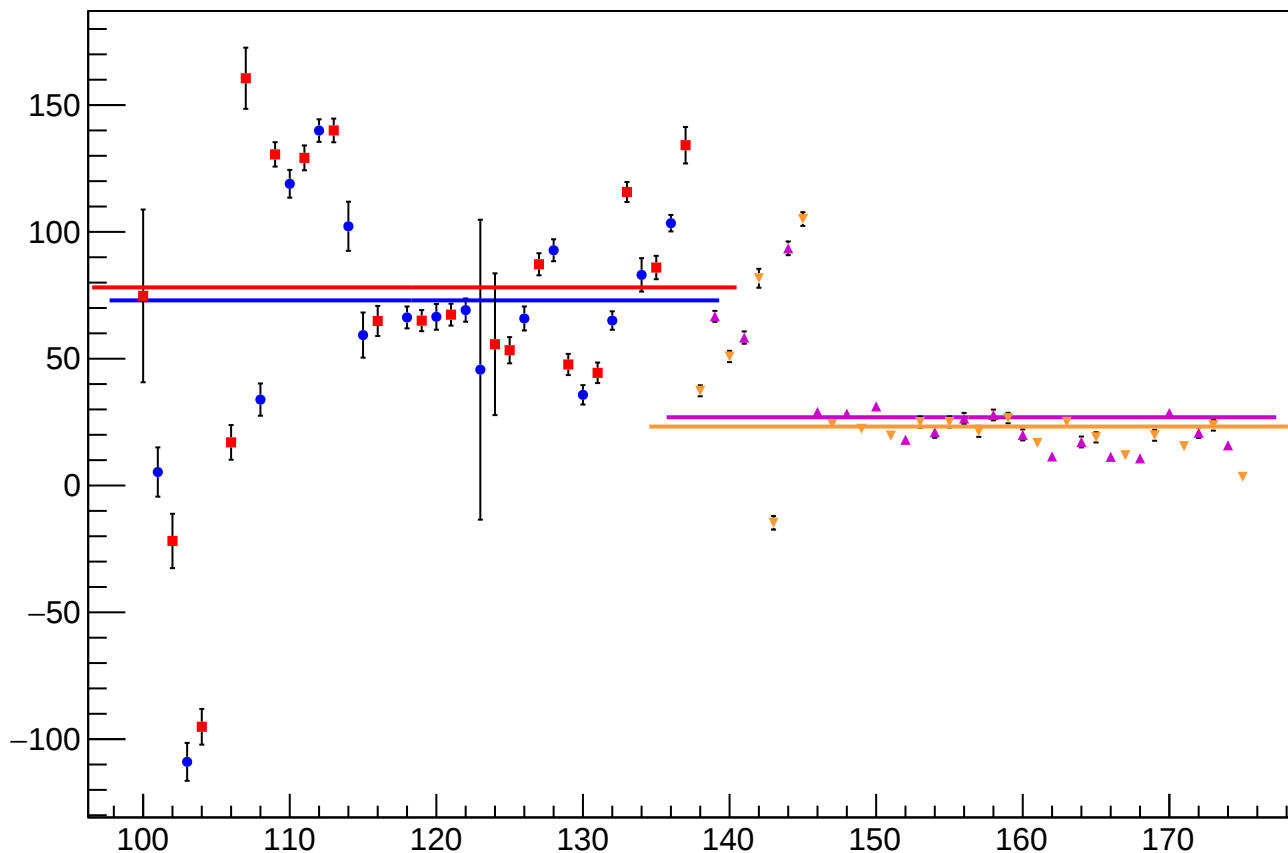
Right: 19.666 ± 0.455 $\chi^2/\text{NDF}: 988.3/35$

In: 10.893 ± 0.311 $\chi^2/\text{NDF}: 1110.0/34$

Out: 10.176 ± 0.298 $\chi^2/\text{NDF}: 947.5/38$

All: 10.519 ± 0.215 $\chi^2/\text{NDF}: 2060.4/73$

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 23.257 $\pm$ 0.456 χ^2 /NDF:1845.8/19

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 26.917 $\pm$ 0.478 χ^2 /NDF:1439.8/17

Left: 25.001 $\pm$ 0.330 χ^2 /NDF: 3316.3/37

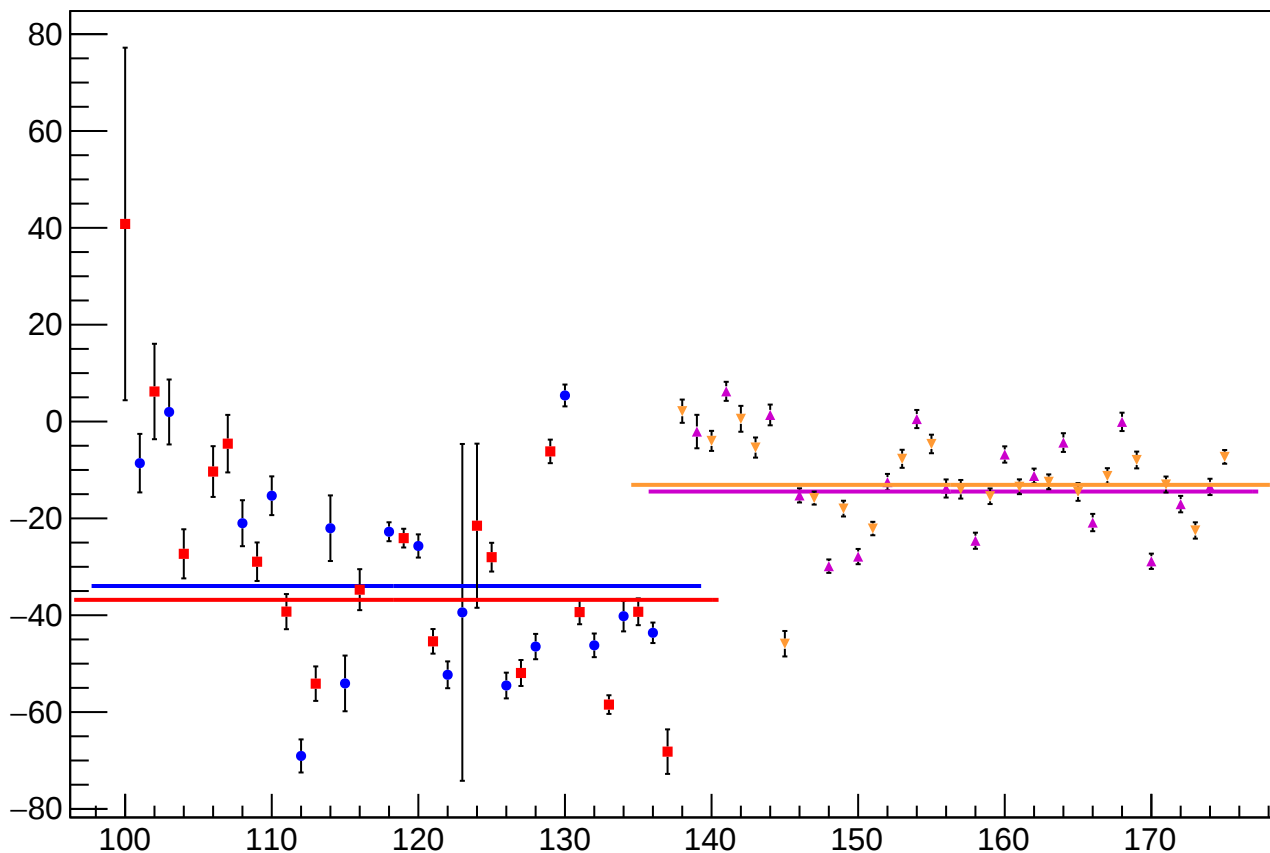
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 32.963 $\pm$ 0.446 χ^2 /NDF:3864.3/34

Out: 29.951 $\pm$ 0.427 χ^2 /NDF:5158.9/38

All: 31.394 $\pm$ 0.308 χ^2 /NDF: 9047.0/73

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.076 ± 0.387 χ^2/NDF : 399.3/19

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.457 ± 0.409 χ^2/NDF : 685.7/17

Left: -13.728 ± 0.281 χ^2/NDF : 1091.0/37

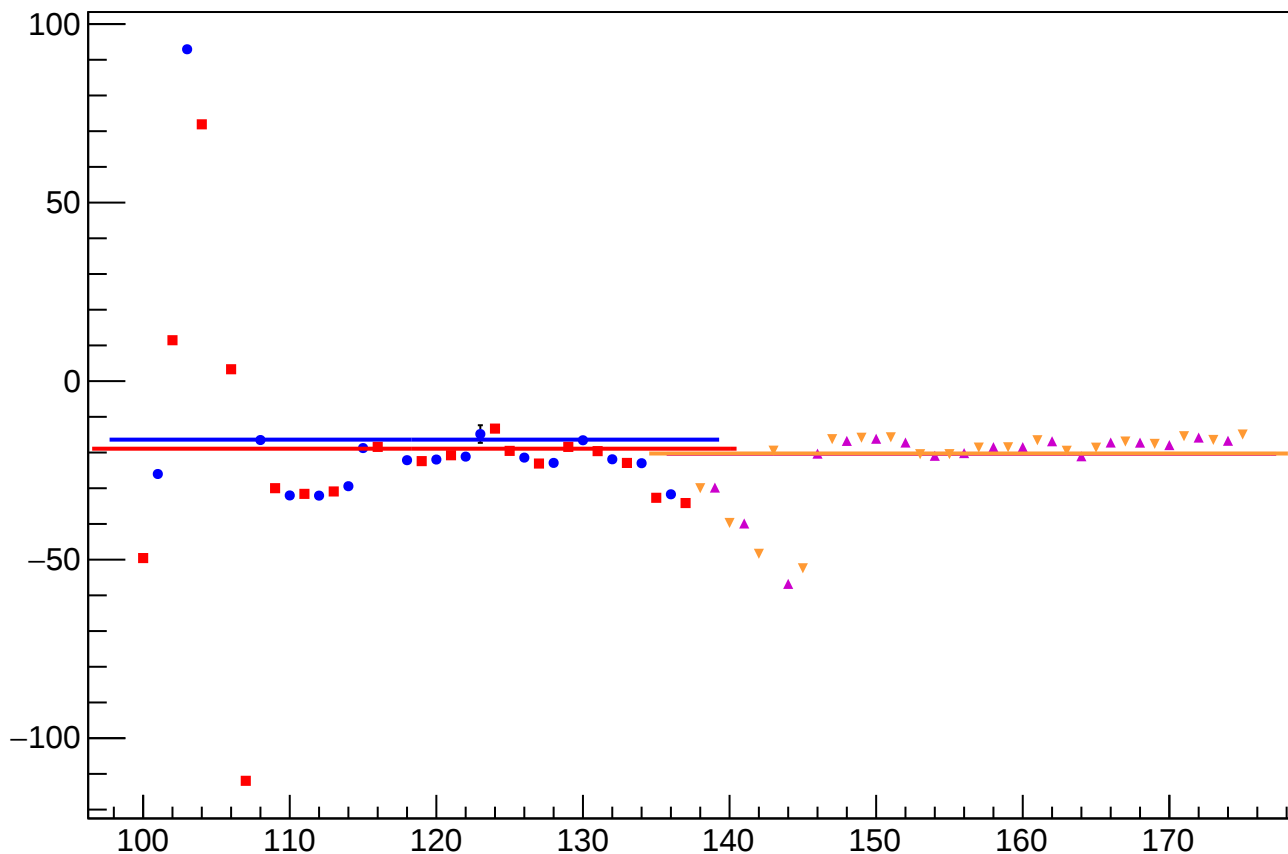
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.045 ± 0.358 χ^2/NDF : 1942.6/34

Out: -18.206 ± 0.342 χ^2/NDF : 1753.6/38

All: -18.607 ± 0.247 χ^2/NDF : 3699.1/73

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -20.274 ± 0.018 $\chi^2/\text{NDF}: 208103.1/19$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -20.396 ± 0.019 $\chi^2/\text{NDF}: 170452.1/17$

Left: -20.334 ± 0.013 $\chi^2/\text{NDF}: 378577.4/37$

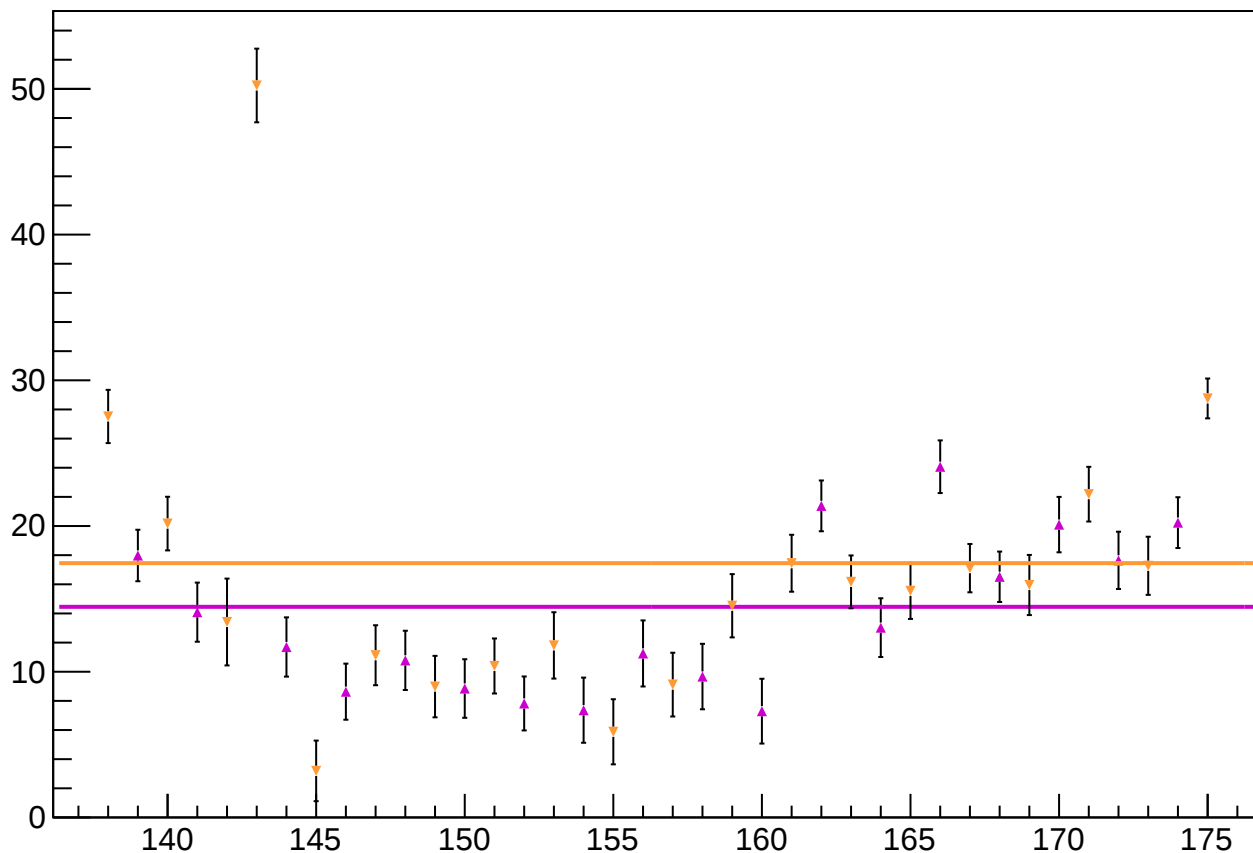
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -19.804 ± 0.017 $\chi^2/\text{NDF}: 651680.2/34$

Out: -20.089 ± 0.017 $\chi^2/\text{NDF}: 643016.2/38$

All: -19.949 ± 0.012 $\chi^2/\text{NDF}: 1294838.8/73$

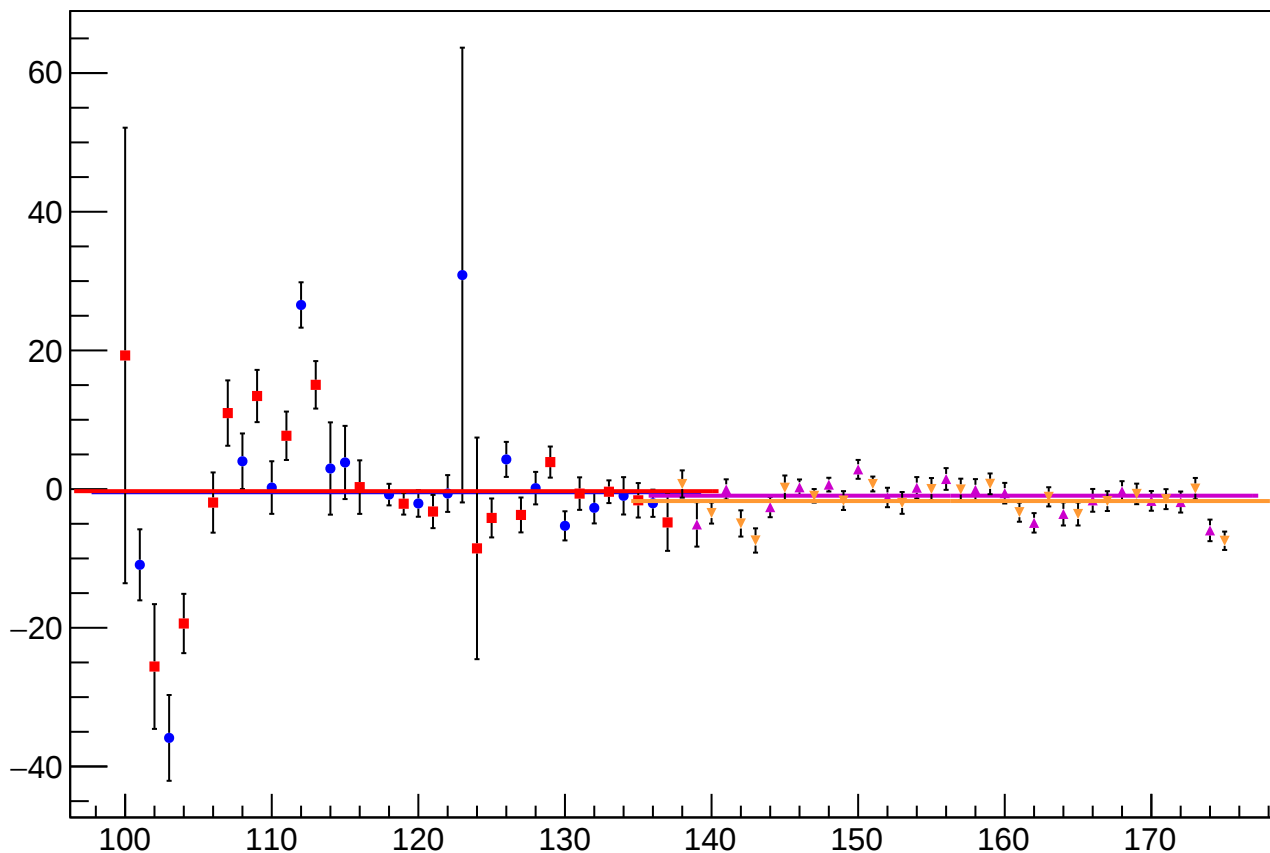
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 17.454 $\pm$ 0.440 χ^2 /NDF:415.2/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 14.455 $\pm$ 0.460 χ^2 /NDF:134.3/17

Left: 16.019 $\pm$ 0.318 χ^2 /NDF: 571.7/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 14.455 $\pm$ 0.460 χ^2 /NDF:134.3/17
 Out: 17.454 $\pm$ 0.440 χ^2 /NDF:415.2/19
 All: 16.019 $\pm$ 0.318 χ^2 /NDF: 571.7/37

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.723 ± 0.323 χ^2/NDF : 51.9/19

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.949 ± 0.340 χ^2/NDF : 39.8/17

Left: -1.356 ± 0.234 χ^2/NDF : 94.4/37

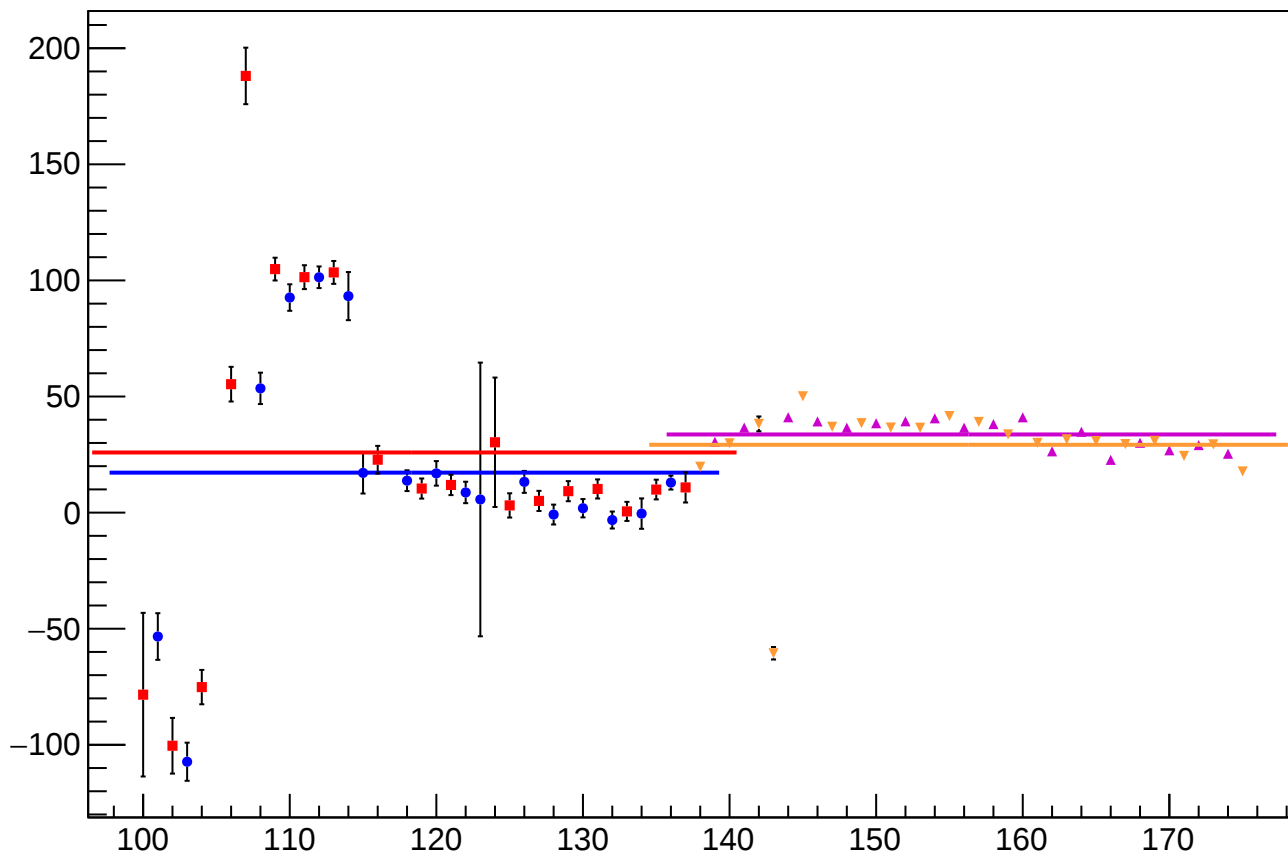
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.843 ± 0.302 χ^2/NDF : 159.8/34

Out: -1.445 ± 0.290 χ^2/NDF : 140.1/38

All: -1.156 ± 0.209 χ^2/NDF : 302.0/73

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 29.216+/-0.436 χ^2/NDF :1443.4/19

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 33.660+/-0.455 χ^2/NDF :171.1/17

Left: 31.345+/-0.315 χ^2/NDF : 1664.3/37

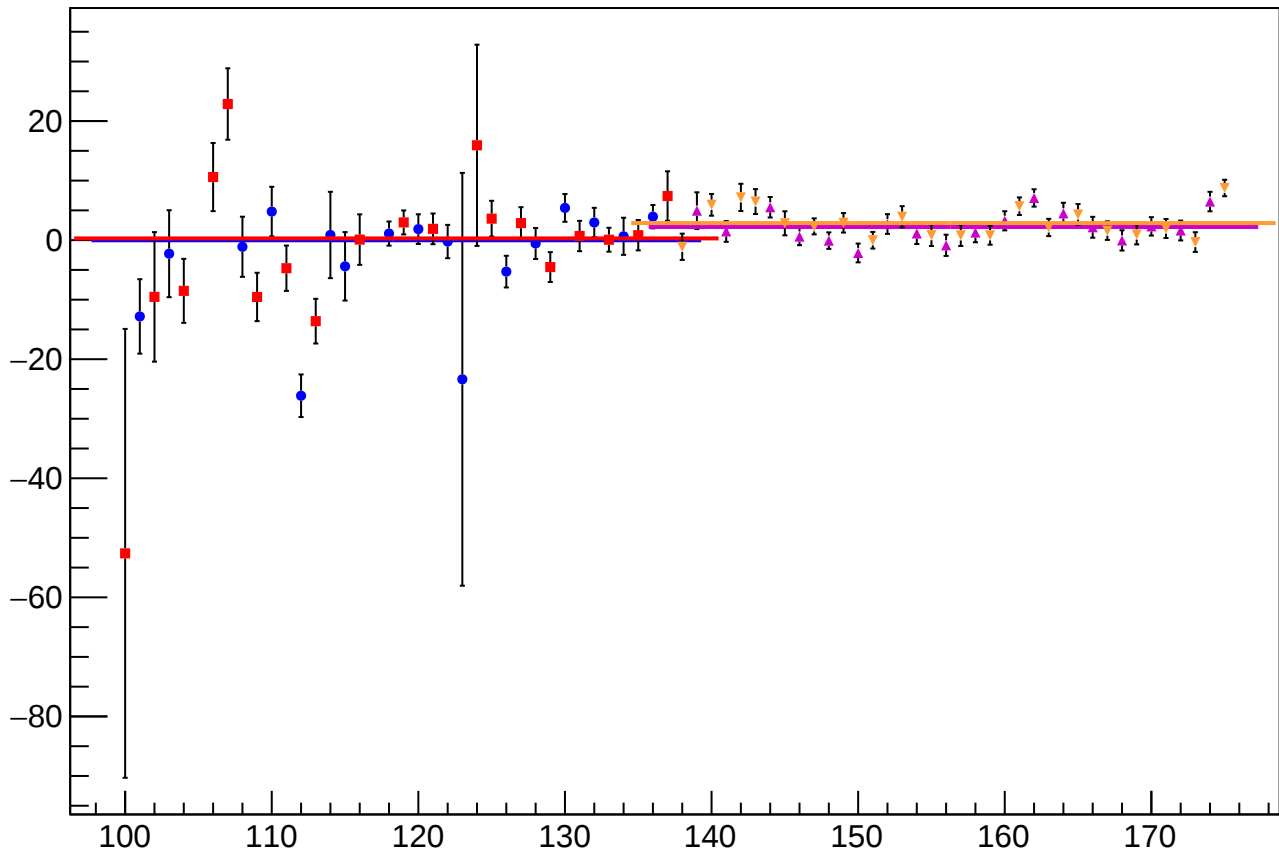
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 31.713+/-0.427 χ^2/NDF :1266.0/34

Out: 28.853+/-0.412 χ^2/NDF :2824.5/38

All: 30.230+/-0.296 χ^2/NDF : 4113.8/73

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.862 ± 0.371 χ^2/NDF : 50.4/19

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.210 ± 0.391 χ^2/NDF : 42.1/17

Left: 2.552 ± 0.269 χ^2/NDF : 94.0/37

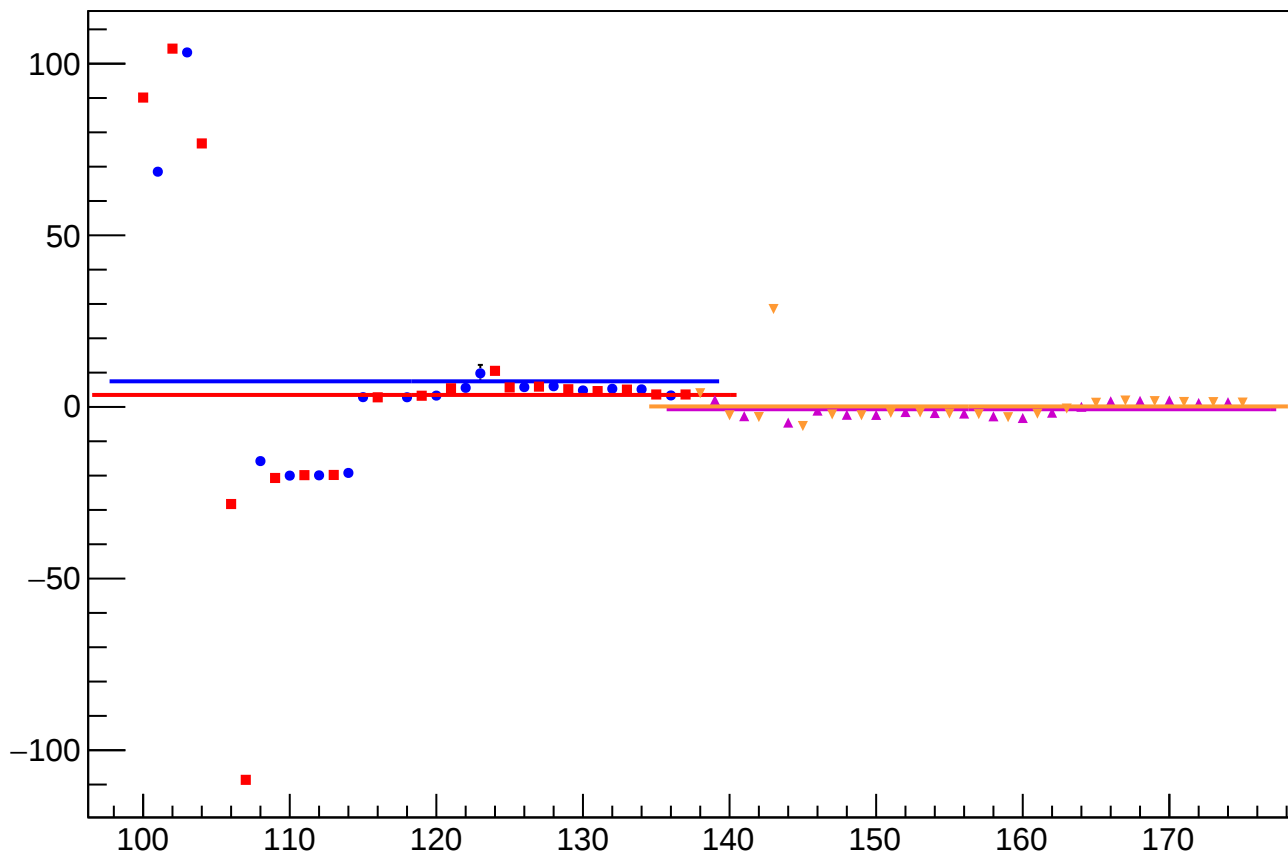
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.728 ± 0.346 χ^2/NDF : 124.9/34

Out: 2.355 ± 0.333 χ^2/NDF : 115.9/38

All: 2.054 ± 0.240 χ^2/NDF : 242.6/73

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: 0.151 ± 0.017 $\chi^2/\text{NDF}: 86782.1/19$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: -0.667 ± 0.018 $\chi^2/\text{NDF}: 12630.4/17$

Left: -0.248 ± 0.012 $\chi^2/\text{NDF}: 100516.8/37$

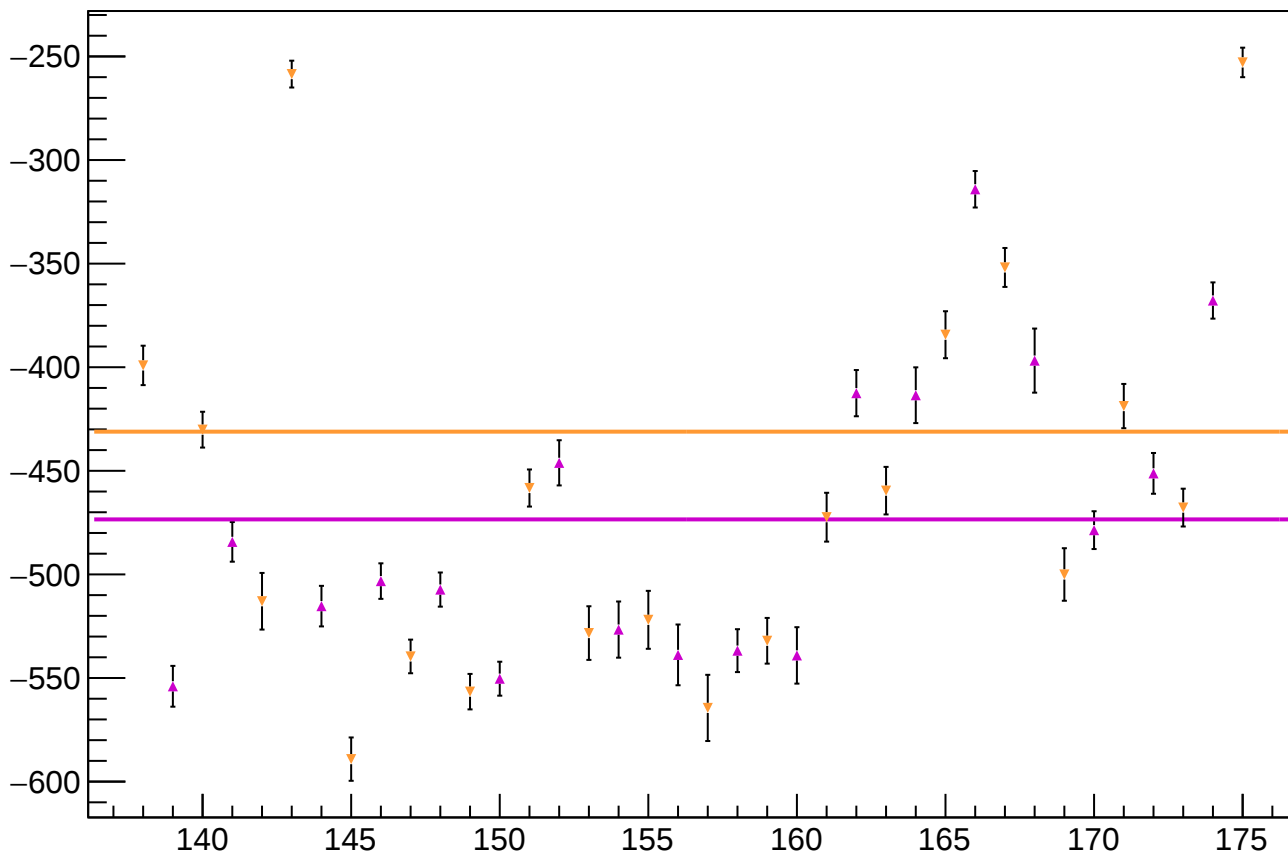
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 0.435 ± 0.016 $\chi^2/\text{NDF}: 397442.9/34$

Out: 0.570 ± 0.016 $\chi^2/\text{NDF}: 602086.7/38$

All: 0.503 ± 0.011 $\chi^2/\text{NDF}: 999563.8/73$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -431.096+/-2.193 χ^2/NDF :2419.4/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -473.449+/-2.396 χ^2/NDF :858.6/17

Left: -450.404+/-1.618 χ^2/NDF : 3448.0/37

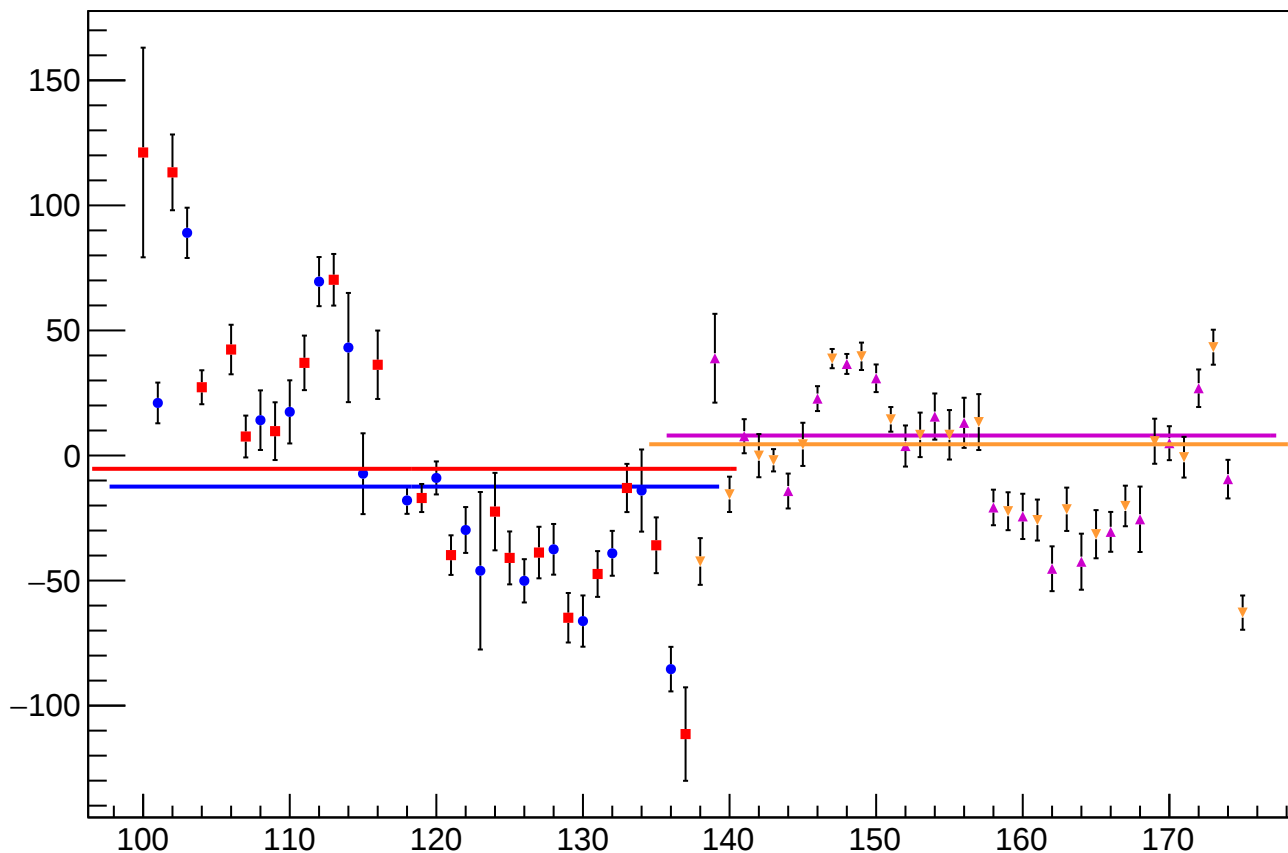
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -473.449+/-2.396 χ^2/NDF :858.6/17

Out: -431.096+/-2.193 χ^2/NDF :2419.4/19

All: -450.404+/-1.618 χ^2/NDF : 3448.0/37

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 4.500 ± 1.538 χ^2/NDF : 347.3/19

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 7.992 ± 1.695 χ^2/NDF : 218.0/17

Left: 6.077 ± 1.139 χ^2/NDF : 567.7/37

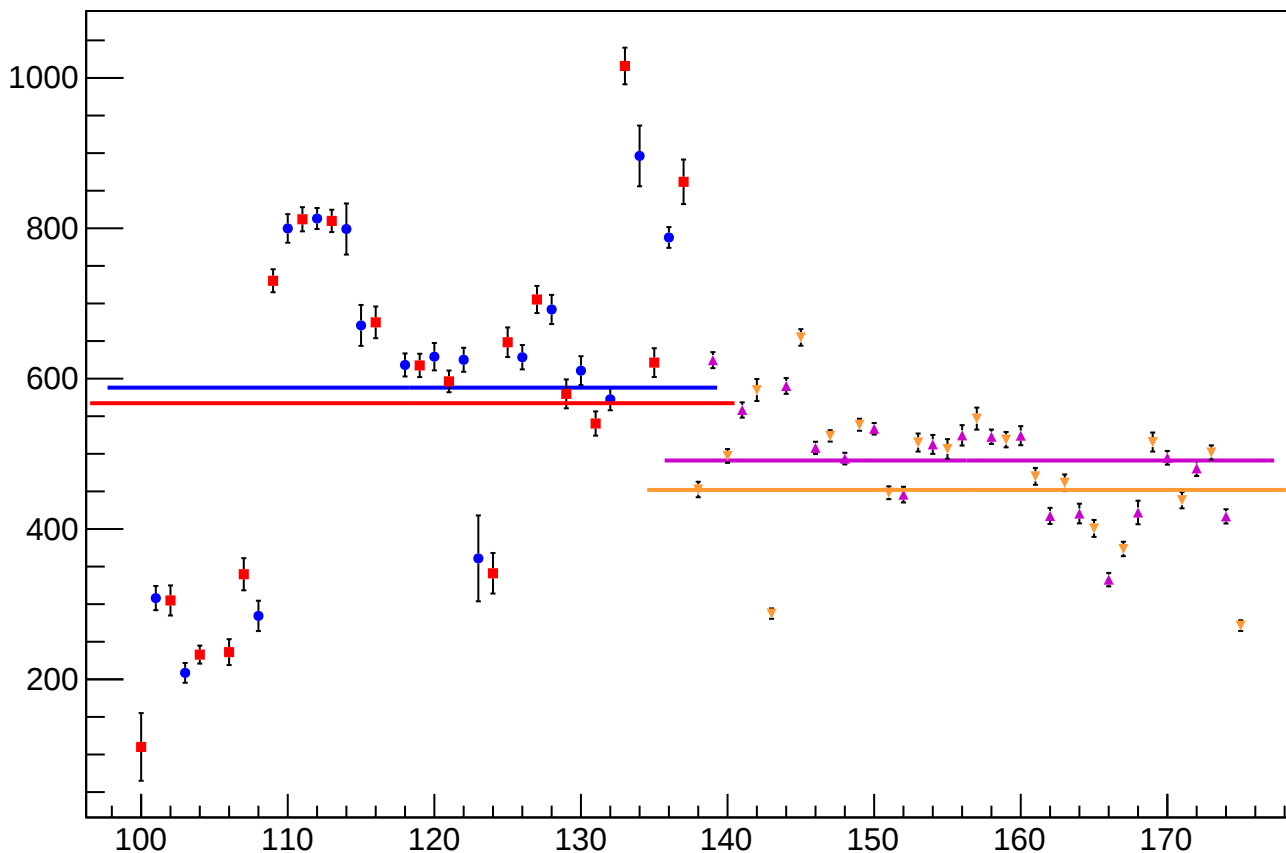
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 0.864 ± 1.368 χ^2/NDF : 608.9/34

Out: 1.390 ± 1.272 χ^2/NDF : 703.0/38

All: 1.146 ± 0.931 χ^2/NDF : 1312.0/73

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 451.961 $\pm$ 2.186 χ^2 /NDF:2138.7/19

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 491.122 $\pm$ 2.368 χ^2 /NDF:840.6/17

Left: 469.974 $\pm$ 1.606 χ^2 /NDF: 3127.0/37

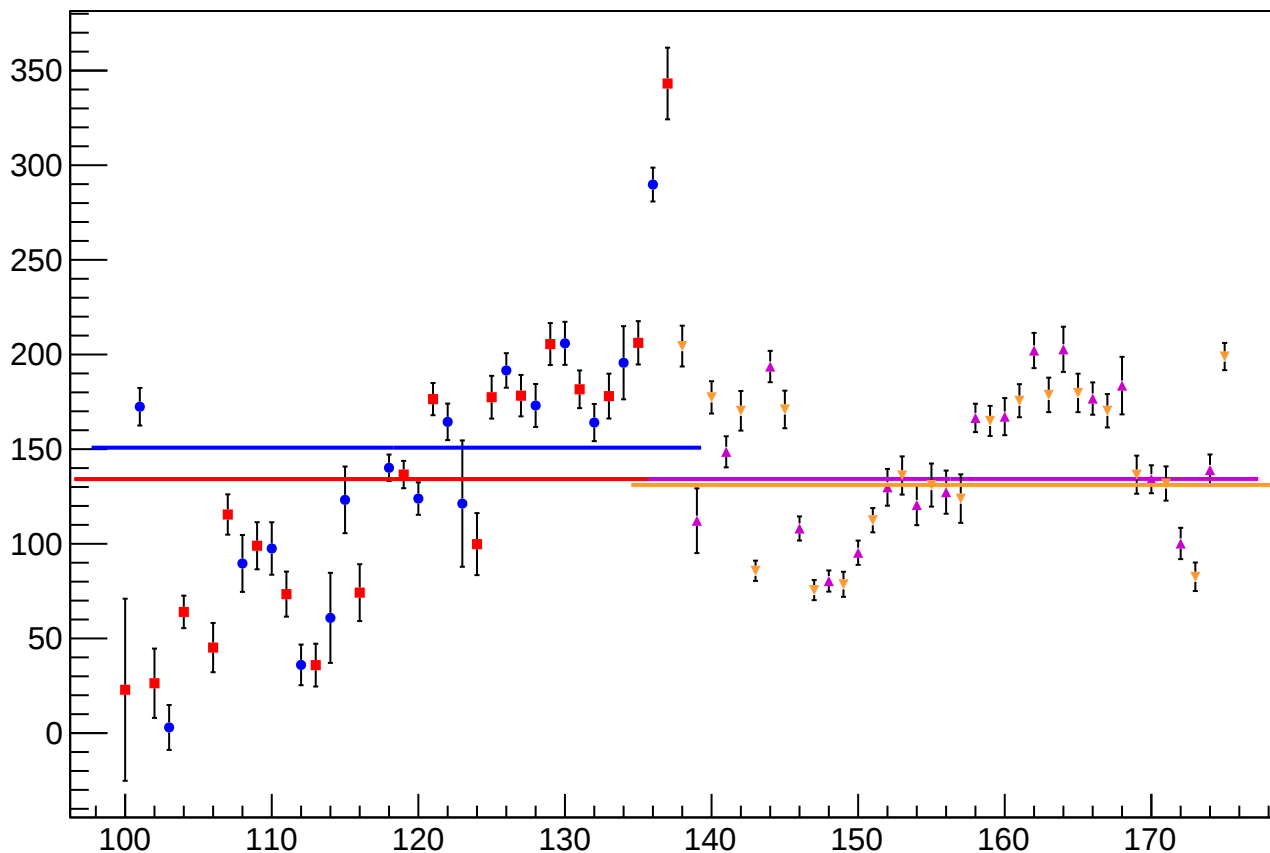
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 513.446 $\pm$ 2.078 χ^2 /NDF:3354.1/34

Out: 477.171 $\pm$ 1.932 χ^2 /NDF:5531.7/38

All: 493.994 $\pm$ 1.415 χ^2 /NDF: 9049.2/73

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 131.120 $\pm$ 1.809 χ^2 /NDF: 604.0/19

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 134.280 $\pm$ 1.985 χ^2 /NDF: 374.0/17

Left: 132.554 $\pm$ 1.337 χ^2 /NDF: 979.4/37

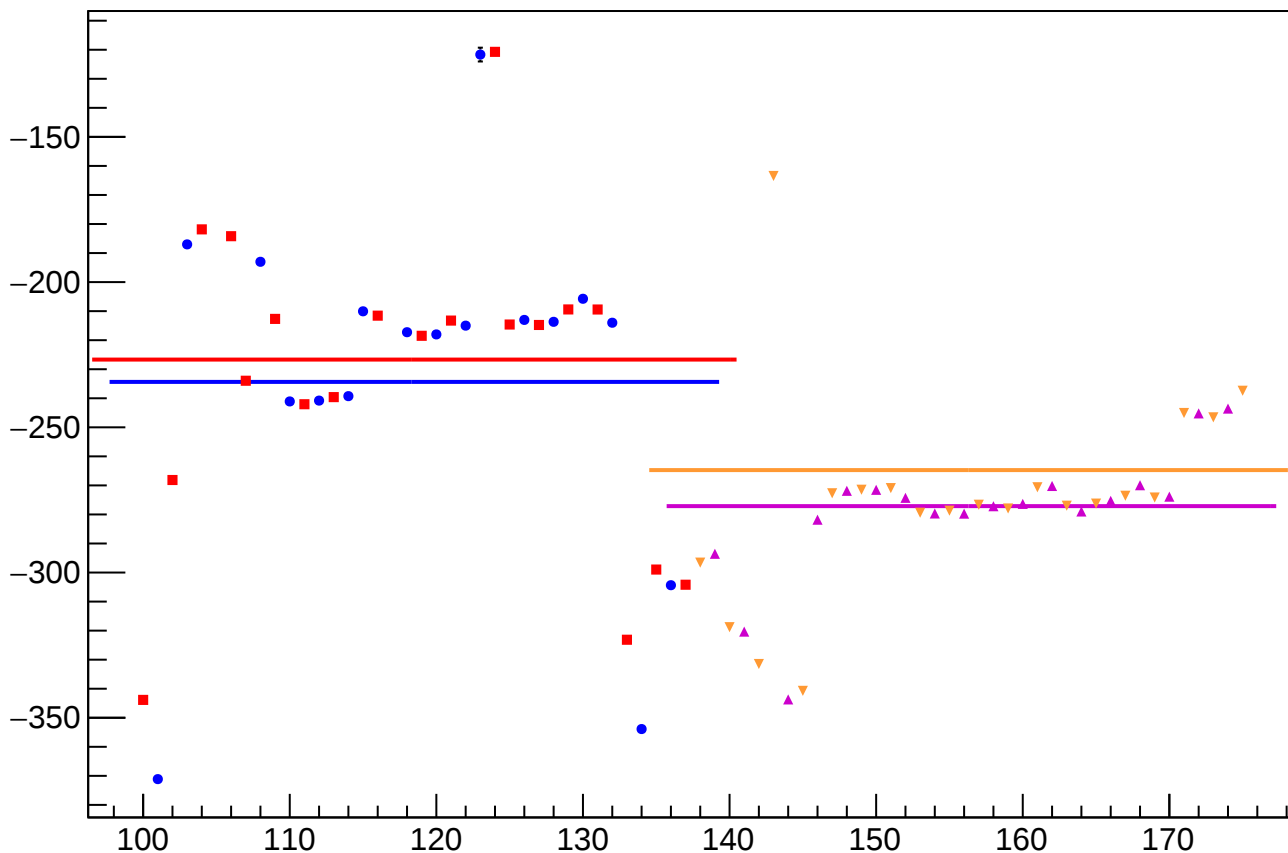
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 140.127 $\pm$ 1.595 χ^2 /NDF: 1031.6/34

Out: 132.123 $\pm$ 1.488 χ^2 /NDF: 1186.6/38

All: 135.848 $\pm$ 1.088 χ^2 /NDF: 2231.7/73

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -264.728+/-0.088 χ^2/NDF : 219368.9/19

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -277.132+/-0.093 χ^2/NDF : 52766.6/17

Left: -270.590+/-0.064 χ^2/NDF : 281483.8/37

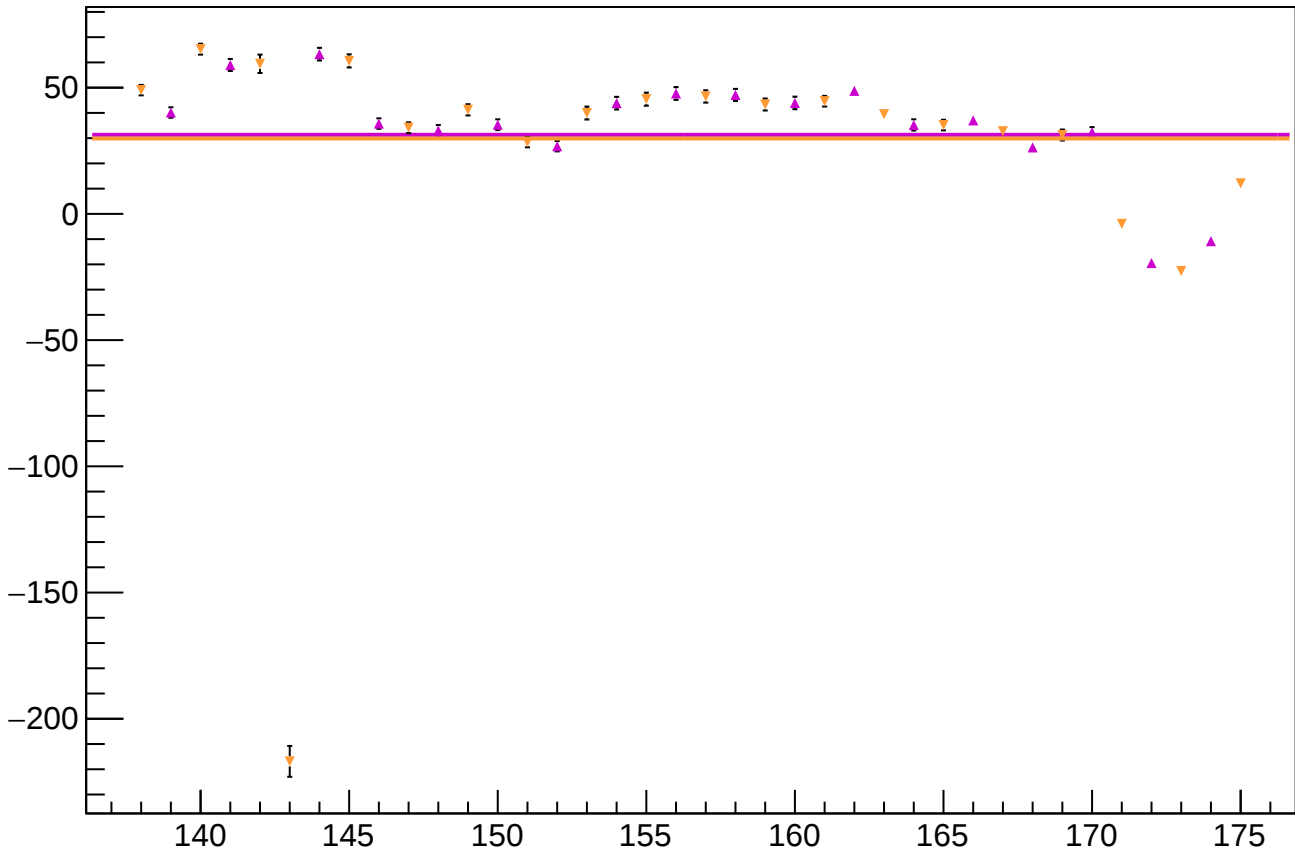
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -265.049+/-0.079 χ^2/NDF : 257466.3/34

Out: -254.054+/-0.075 χ^2/NDF : 371075.2/38

All: -259.258+/-0.054 χ^2/NDF : 638765.5/73

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 29.867+/-0.484 χ^2/NDF :3635.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 31.327+/-0.499 χ^2/NDF :1883.9/17

Left: 30.575+/-0.348 χ^2/NDF : 5523.5/37

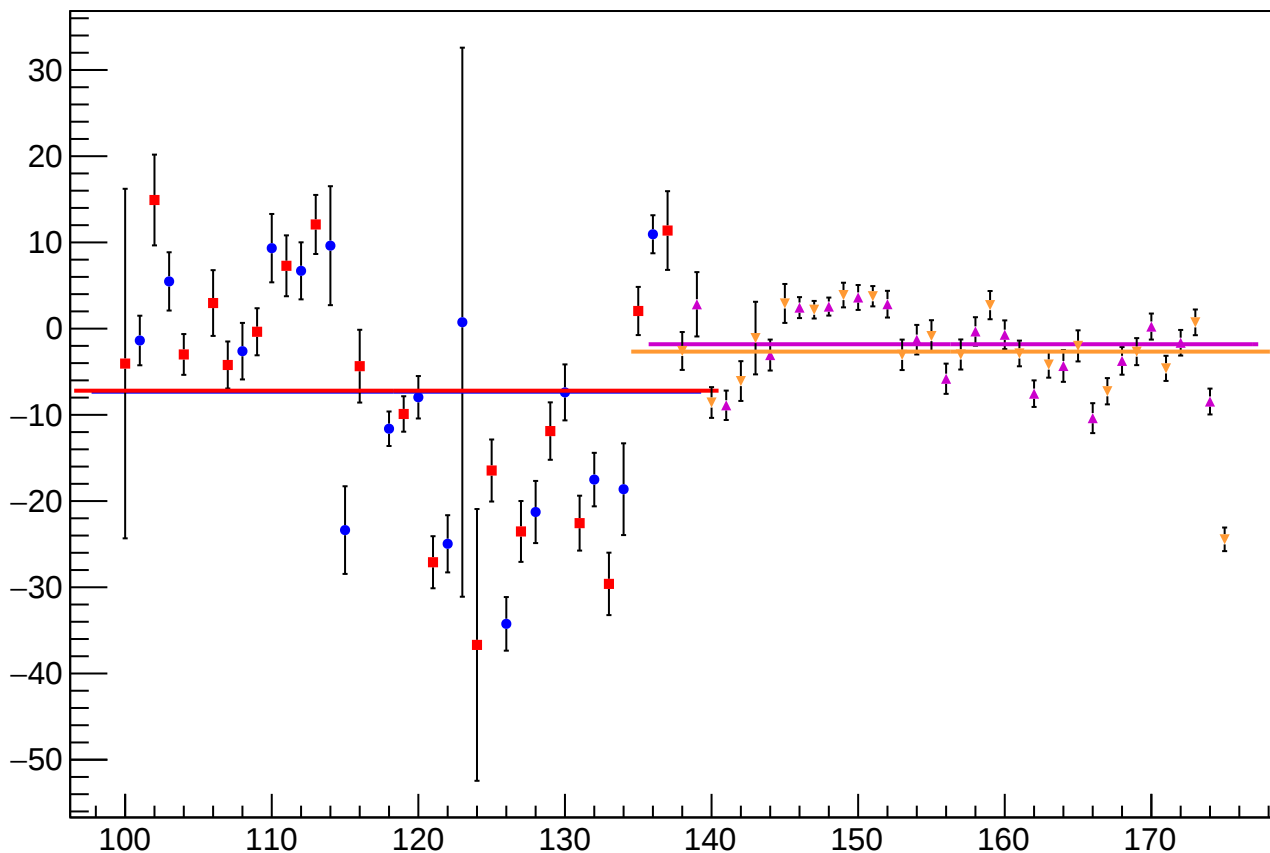
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 31.327+/-0.499 χ^2/NDF :1883.9/17

Out: 29.867+/-0.484 χ^2/NDF :3635.1/19

All: 30.575+/-0.348 χ^2/NDF : 5523.5/37

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -2.664 ± 0.355 χ^2/NDF : 374.9/19

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.810 ± 0.368 χ^2/NDF : 141.6/17

Left: -2.253 ± 0.256 χ^2/NDF : 519.4/37

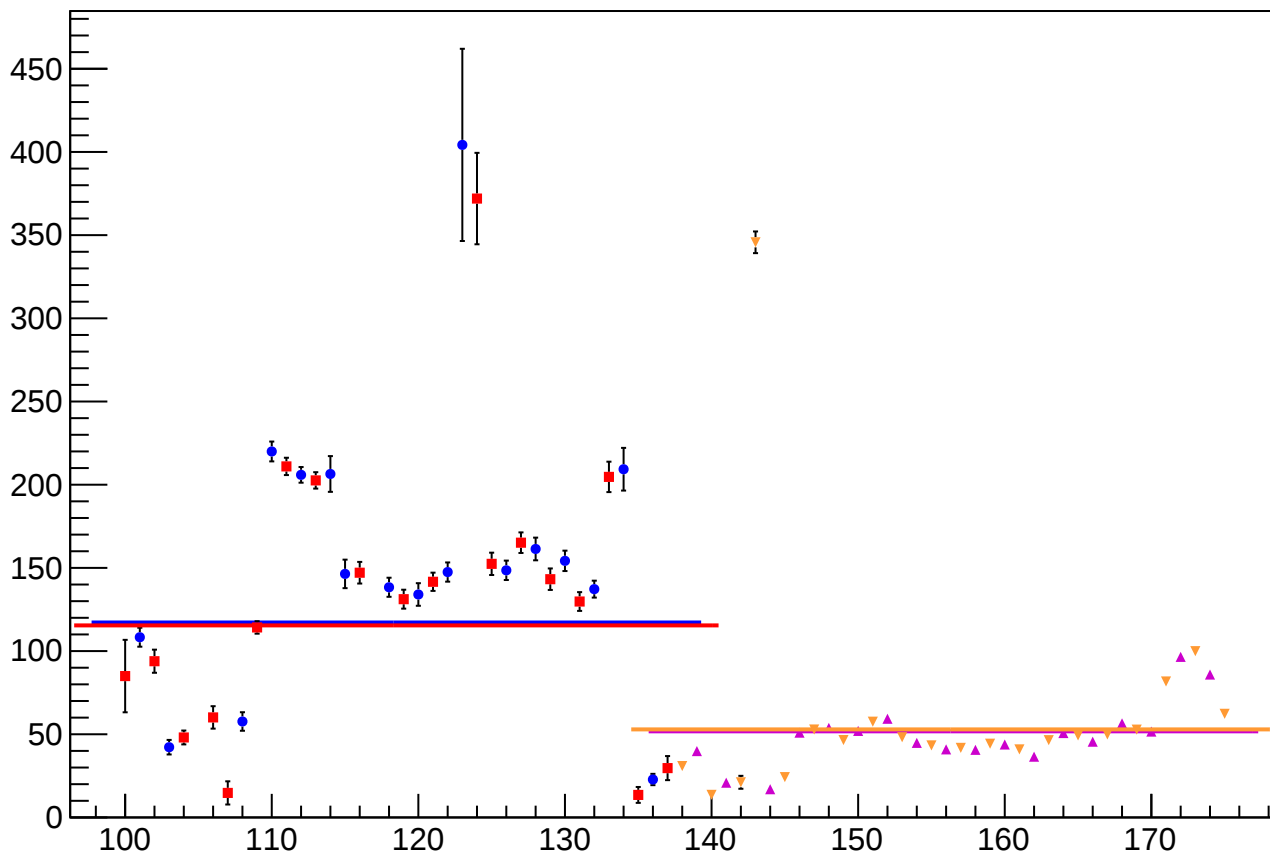
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.812 ± 0.333 χ^2/NDF : 461.4/34

Out: -3.474 ± 0.322 χ^2/NDF : 656.2/38

All: -3.154 ± 0.231 χ^2/NDF : 1119.7/73

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 ± 1.411 χ^2/NDF : 2159.6/16

Left Out: 52.928 ± 0.478 χ^2/NDF : 3520.4/19

Right Out: 115.437 ± 1.361 χ^2/NDF : 2151.2/18

Left In: 51.766 ± 0.494 χ^2/NDF : 1376.3/17

Left: 52.366 ± 0.344 χ^2/NDF : 4899.5/37

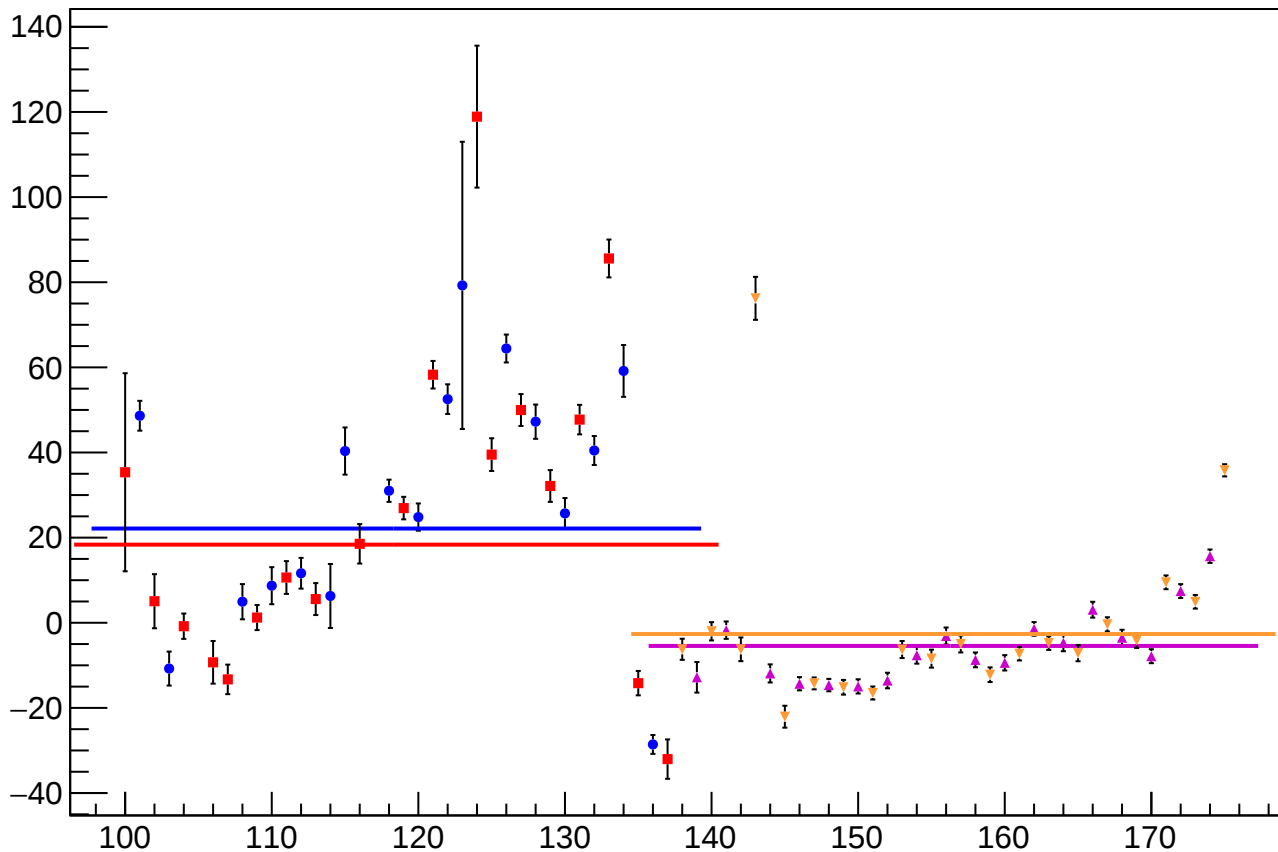
Right: 116.275 ± 0.980 χ^2/NDF : 4311.6/35

In: 58.899 ± 0.466 χ^2/NDF : 5449.6/34

Out: 59.802 ± 0.451 χ^2/NDF : 7550.3/38

All: 59.365 ± 0.324 χ^2/NDF : 13001.9/73

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2/NDF : 1064.1/16

Left Out: -2.648 $\pm$ 0.407 χ^2/NDF :1366.9/19

Right Out: 18.355 $\pm$ 0.871 χ^2/NDF : 1070.9/18

Left In: -5.443 $\pm$ 0.423 χ^2/NDF :422.8/17

Left: -3.992 $\pm$ 0.293 χ^2/NDF : 1812.3/37

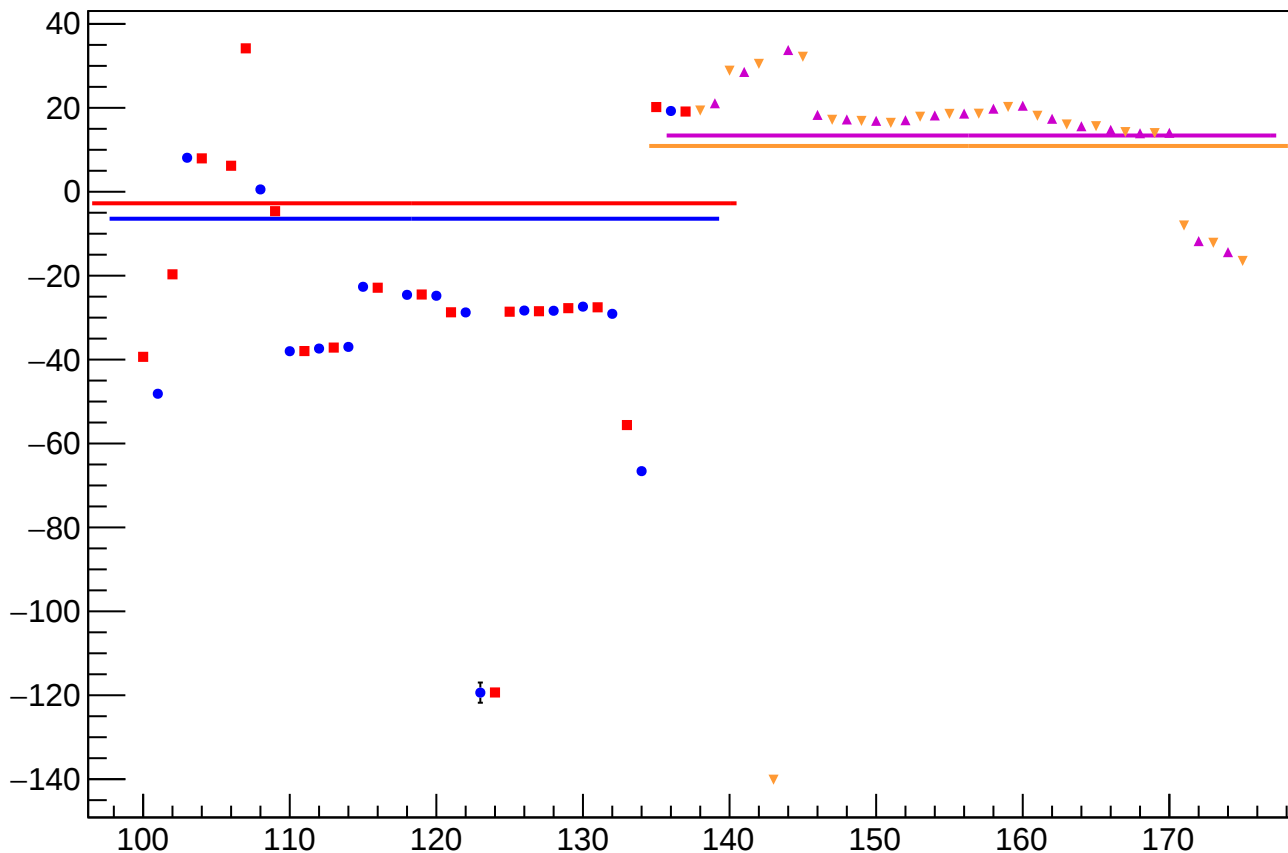
Right: 20.203 $\pm$ 0.623 χ^2/NDF : 2144.2/35

In: -0.375 $\pm$ 0.382 χ^2/NDF :2268.6/34

Out: 1.114 $\pm$ 0.369 χ^2/NDF :2914.6/38

All: 0.396 $\pm$ 0.265 χ^2/NDF : 5191.1/73

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 10.914 ± 0.019 $\chi^2/\text{NDF}: 837287.1/19$

Right Out: -2.752 ± 0.046 $\chi^2/\text{NDF}: 266290.0/18$

Left In: 13.406 ± 0.019 $\chi^2/\text{NDF}: 397836.7/17$

Left: 12.147 ± 0.013 $\chi^2/\text{NDF}: 1243726.9/37$

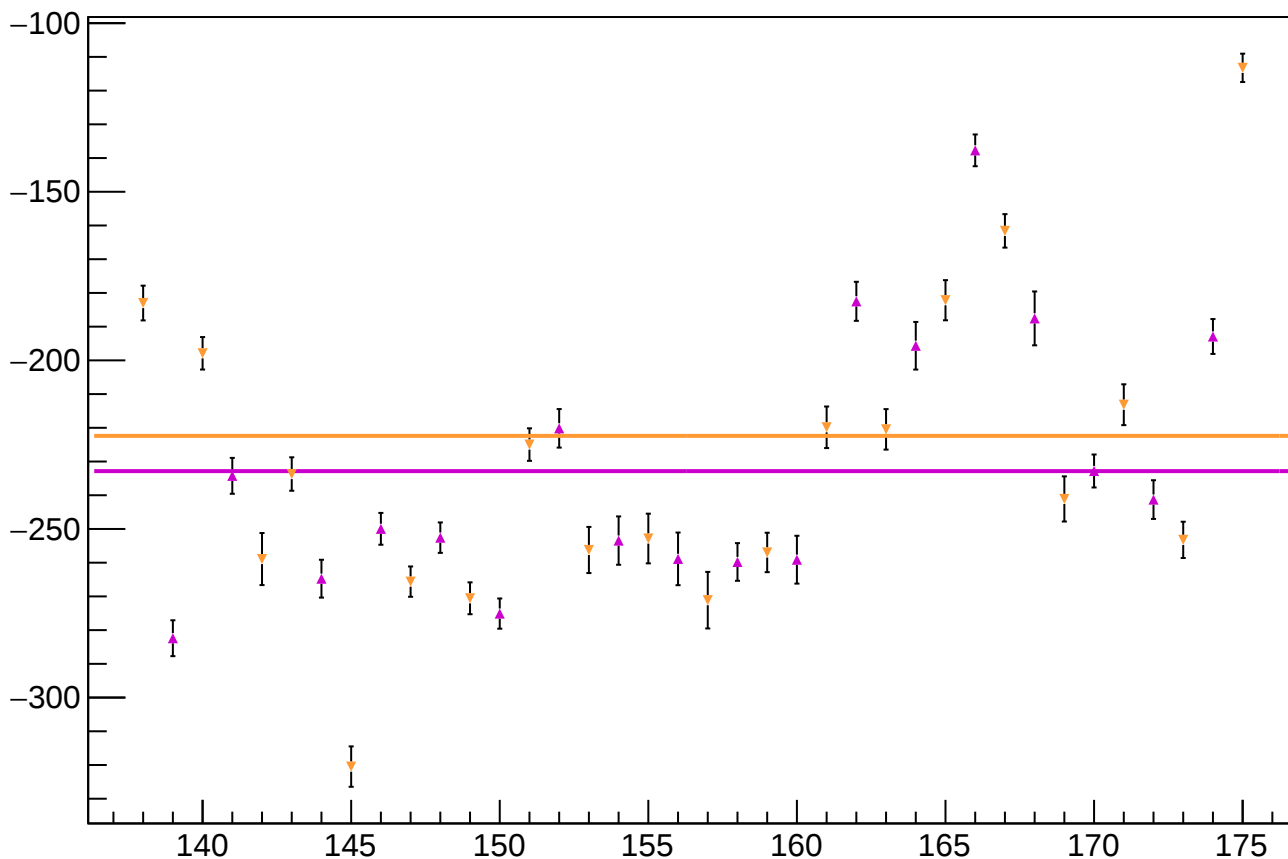
Right: -4.569 ± 0.032 $\chi^2/\text{NDF}: 534660.8/35$

In: 10.513 ± 0.018 $\chi^2/\text{NDF}: 820337.6/34$

Out: 8.916 ± 0.017 $\chi^2/\text{NDF}: 1179999.5/38$

All: 9.706 ± 0.012 $\chi^2/\text{NDF}: 2004469.0/73$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -222.393+/-1.240 χ^2/NDF :1599.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -232.845+/-1.308 χ^2/NDF :906.3/17

Left: -227.342+/-0.900 χ^2/NDF : 2538.9/37

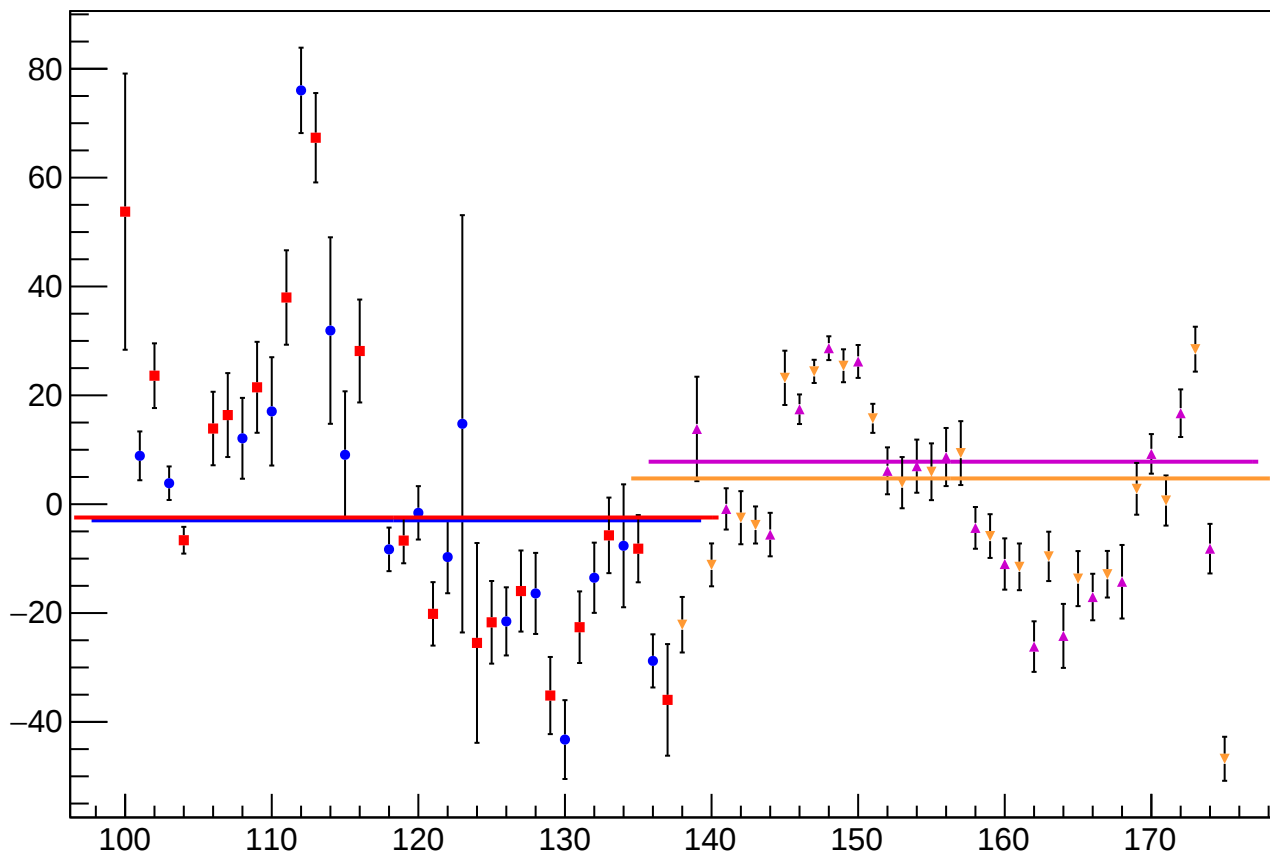
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -232.845+/-1.308 χ^2/NDF :906.3/17

Out: -222.393+/-1.240 χ^2/NDF :1599.0/19

All: -227.342+/-0.900 χ^2/NDF : 2538.9/37

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 4.732 ± 0.870 χ^2/NDF : 473.8/19

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 7.806 ± 0.925 χ^2/NDF : 328.0/17

Left: 6.174 ± 0.634 χ^2/NDF : 807.6/37

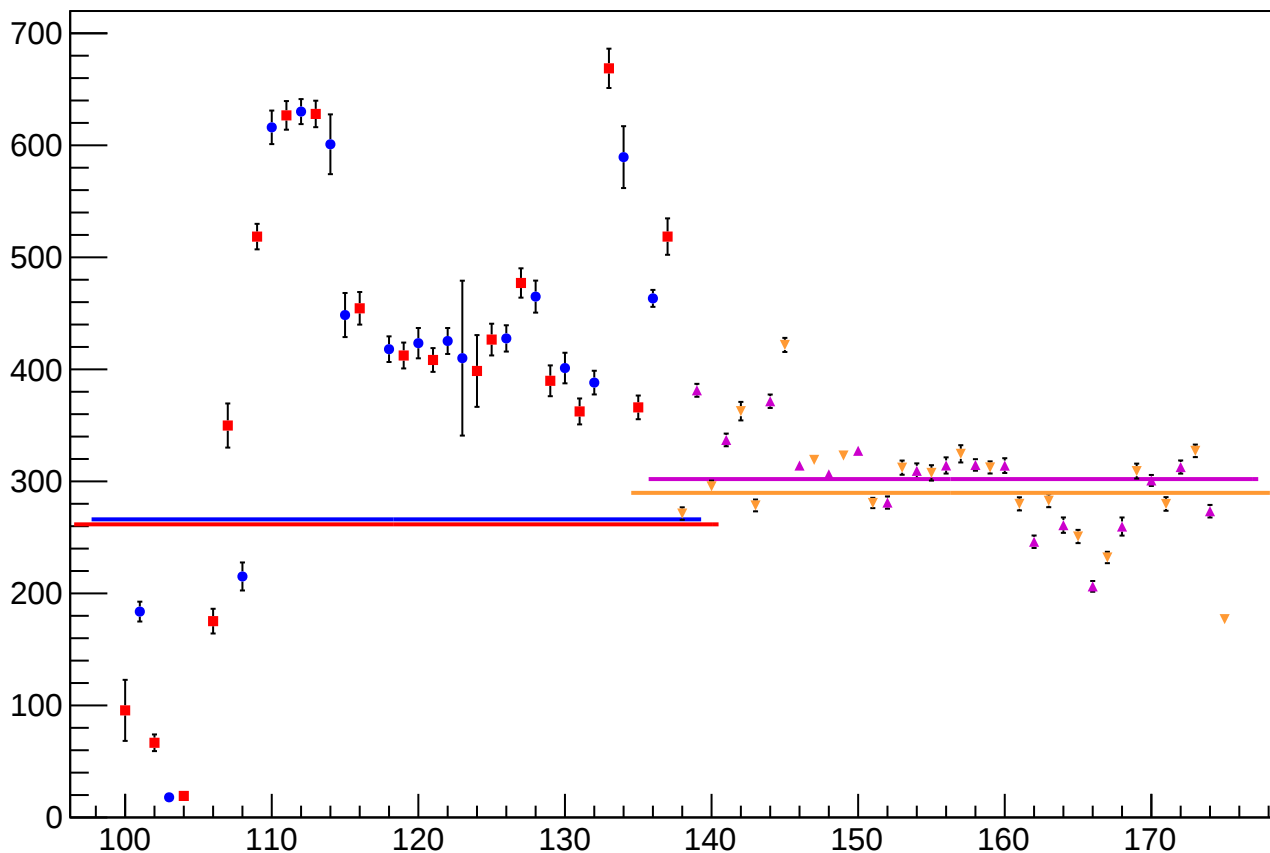
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 4.699 ± 0.780 χ^2/NDF : 570.6/34

Out: 2.727 ± 0.738 χ^2/NDF : 708.2/38

All: 3.659 ± 0.536 χ^2/NDF : 1282.2/73

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 289.755 $\pm$ 1.229 χ^2 /NDF:1655.8/19

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 302.057 $\pm$ 1.289 χ^2 /NDF:1025.6/17

Left: 295.612 $\pm$ 0.890 χ^2 /NDF: 2729.1/37

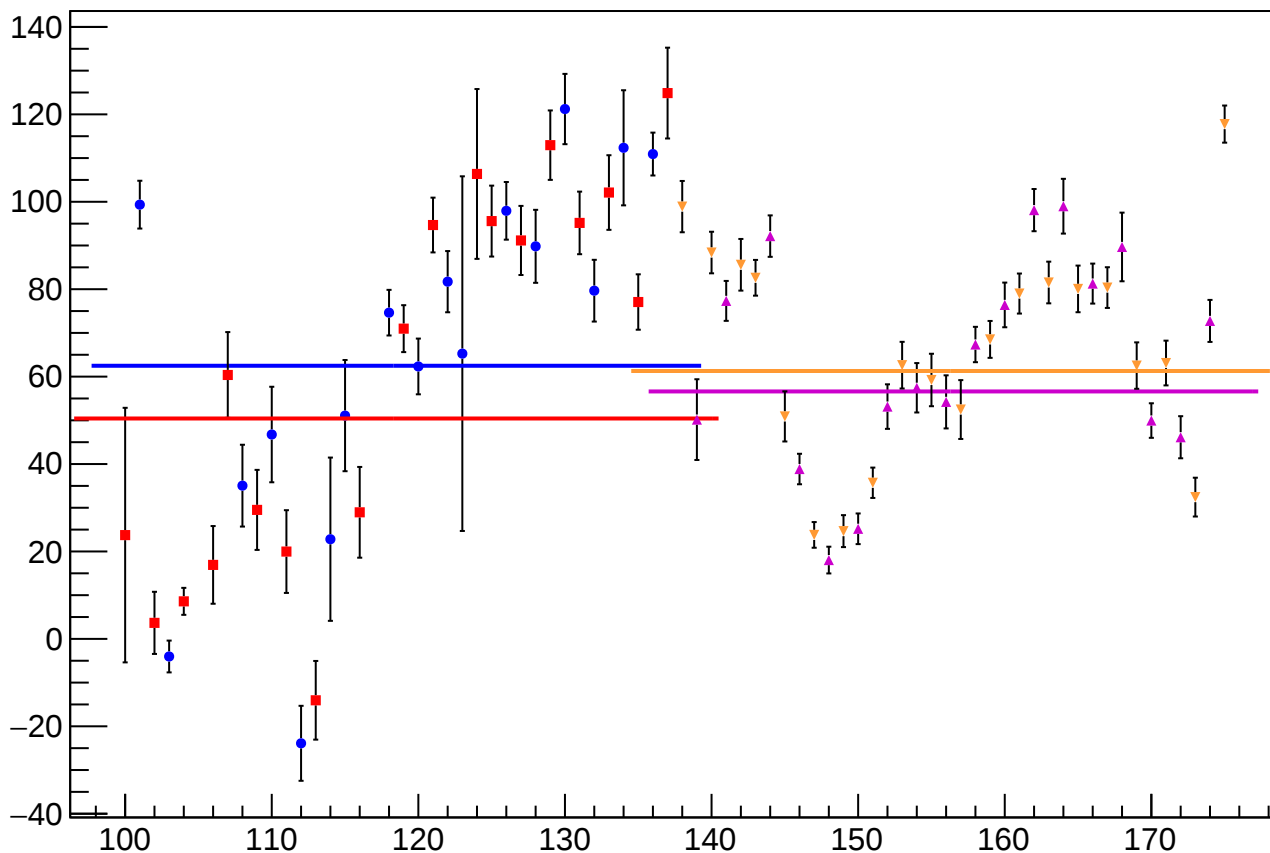
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 294.409 $\pm$ 1.144 χ^2 /NDF:8835.0/34

Out: 284.125 $\pm$ 1.099 χ^2 /NDF:9970.0/38

All: 289.062 $\pm$ 0.793 χ^2 /NDF: 18847.0/73

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 61.288 $\pm$ 1.021 χ^2 /NDF: 724.9/19

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 56.610 $\pm$ 1.082 χ^2 /NDF: 550.3/17

Left: 59.085 $\pm$ 0.743 χ^2 /NDF: 1285.1/37

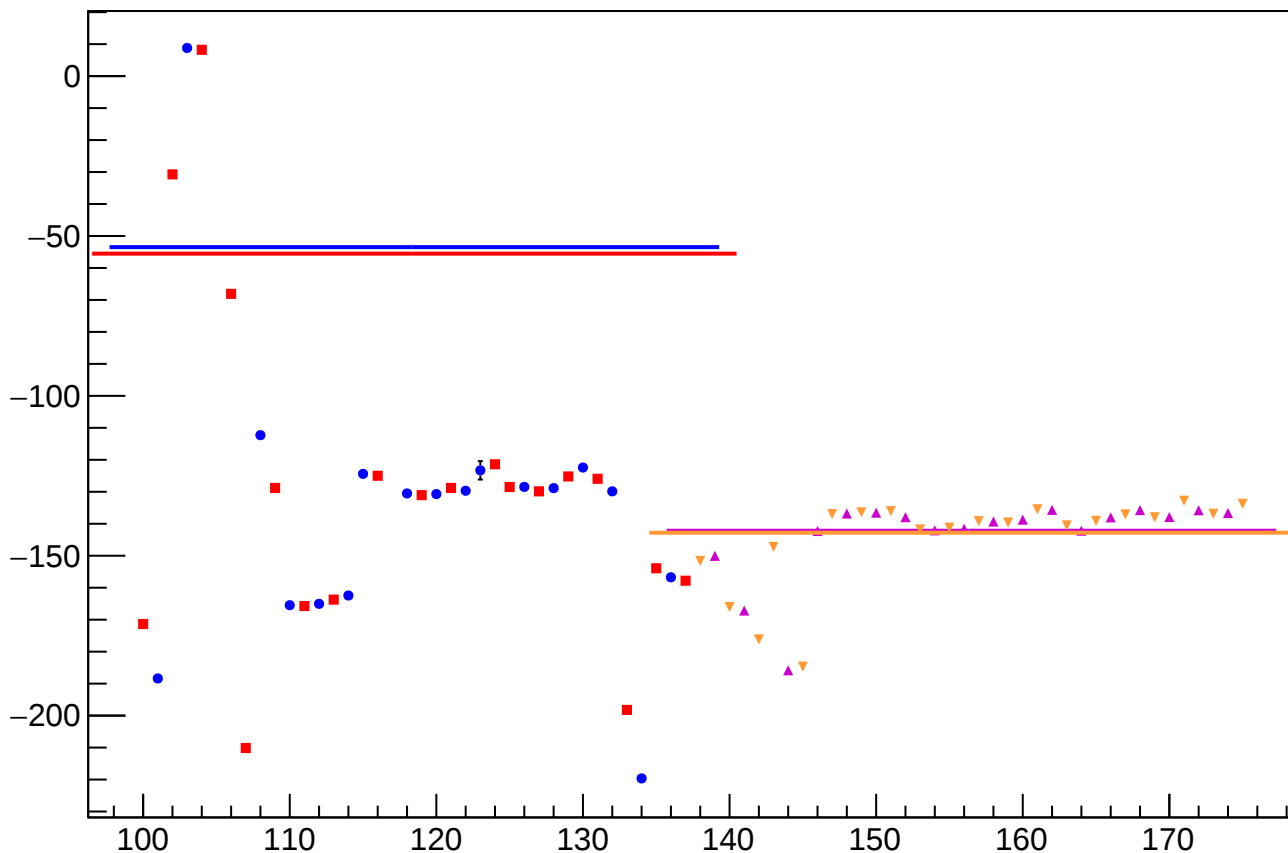
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 58.332 $\pm$ 0.910 χ^2 /NDF: 1279.7/34

Out: 58.258 $\pm$ 0.867 χ^2 /NDF: 1408.0/38

All: 58.293 $\pm$ 0.628 χ^2 /NDF: 2687.7/73

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -142.803 $\pm$ 0.049 χ^2 /NDF: 62454.7/19

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -142.185 $\pm$ 0.051 χ^2 /NDF: 47622.4/17

Left: -142.502 $\pm$ 0.035 χ^2 /NDF: 110153.4/37

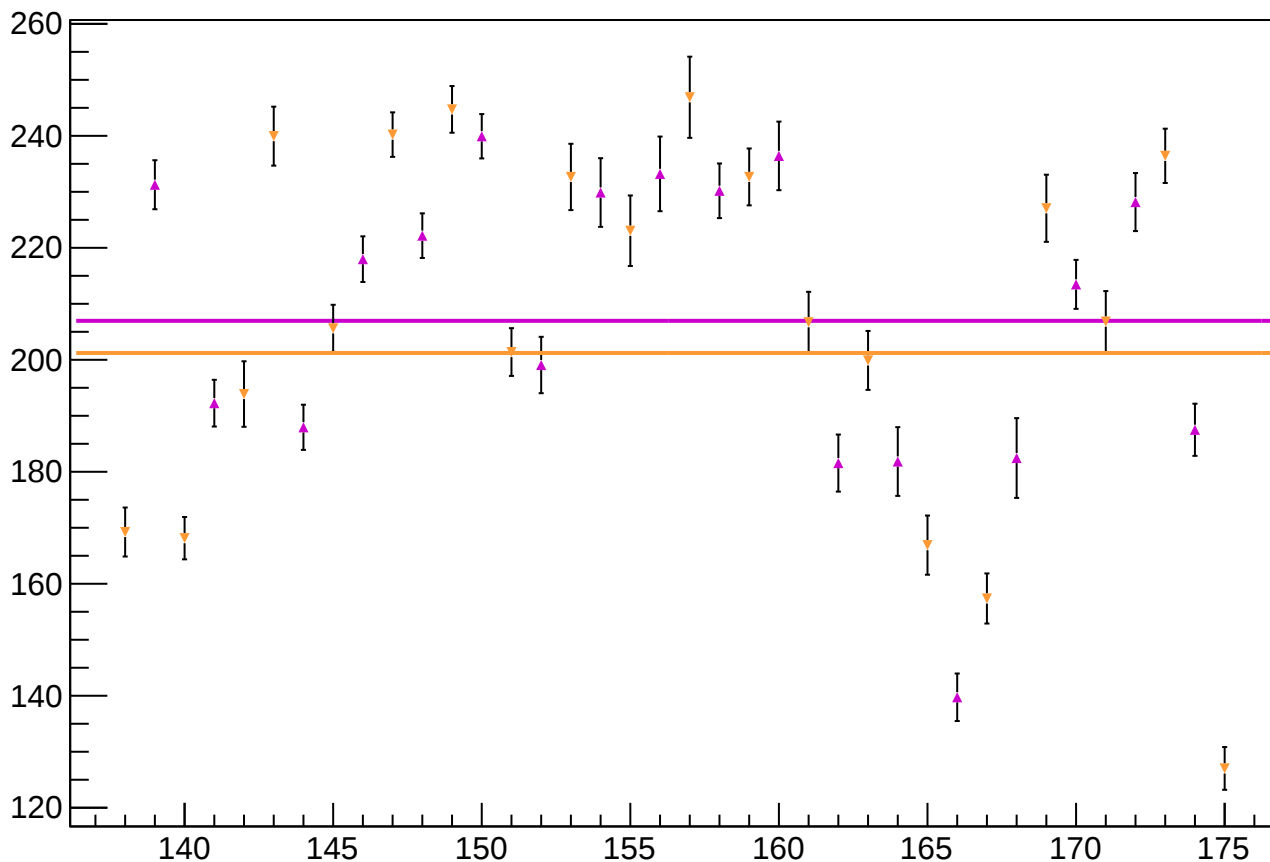
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -111.836 $\pm$ 0.041 χ^2 /NDF: 2323473.7/34

Out: -114.782 $\pm$ 0.041 χ^2 /NDF: 2032968.8/38

All: -113.323 $\pm$ 0.029 χ^2 /NDF: 4359031.6/73

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 201.220+/-1.079 χ^2/NDF :1099.2/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.962+/-1.124 χ^2/NDF :575.4/17

Left: 203.972+/-0.778 χ^2/NDF : 1688.2/37

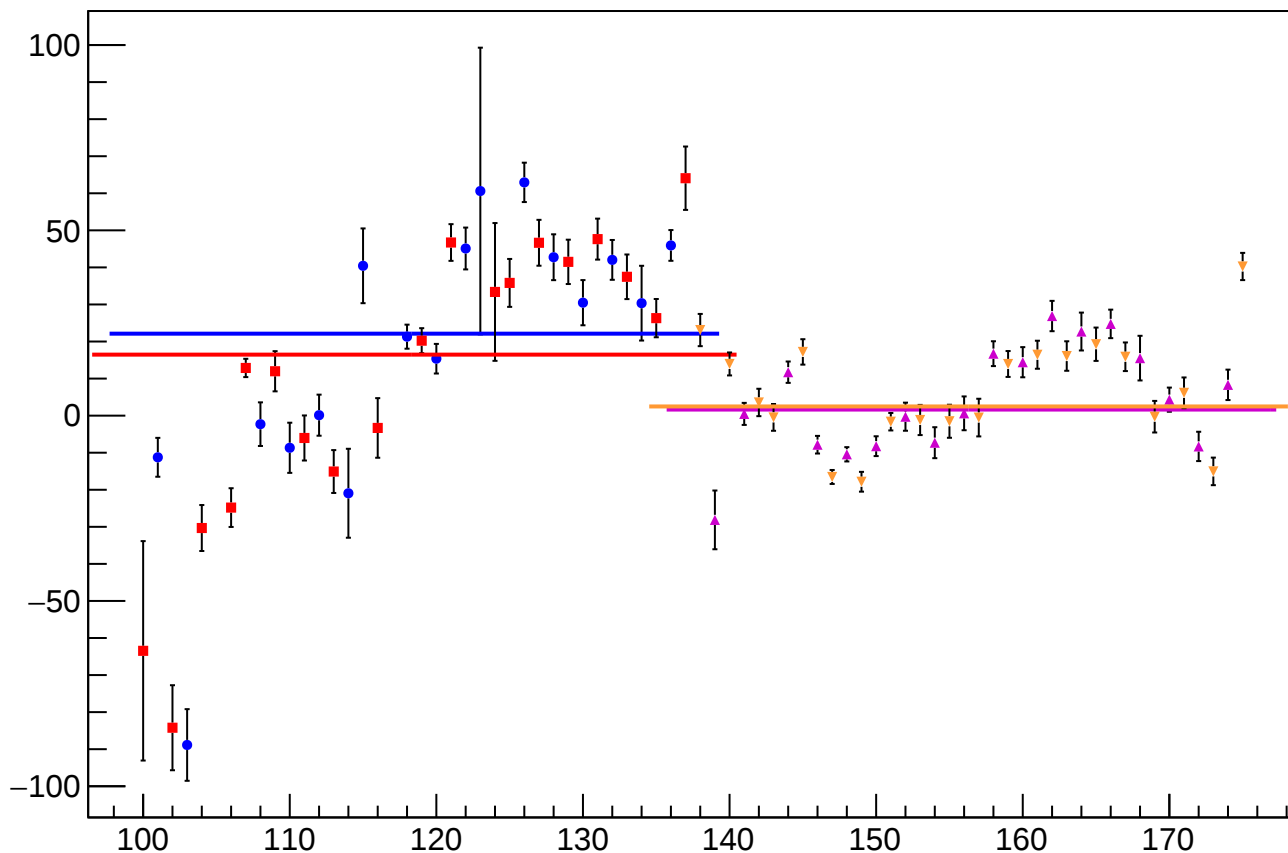
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.962+/-1.124 χ^2/NDF :575.4/17

Out: 201.220+/-1.079 χ^2/NDF :1099.2/19

All: 203.972+/-0.778 χ^2/NDF : 1688.2/37

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 2.480 ± 0.759 $\chi^2/\text{NDF}: 411.4/19$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 1.641 ± 0.798 $\chi^2/\text{NDF}: 236.3/17$

Left: 2.081 ± 0.550 $\chi^2/\text{NDF}: 648.2/37$

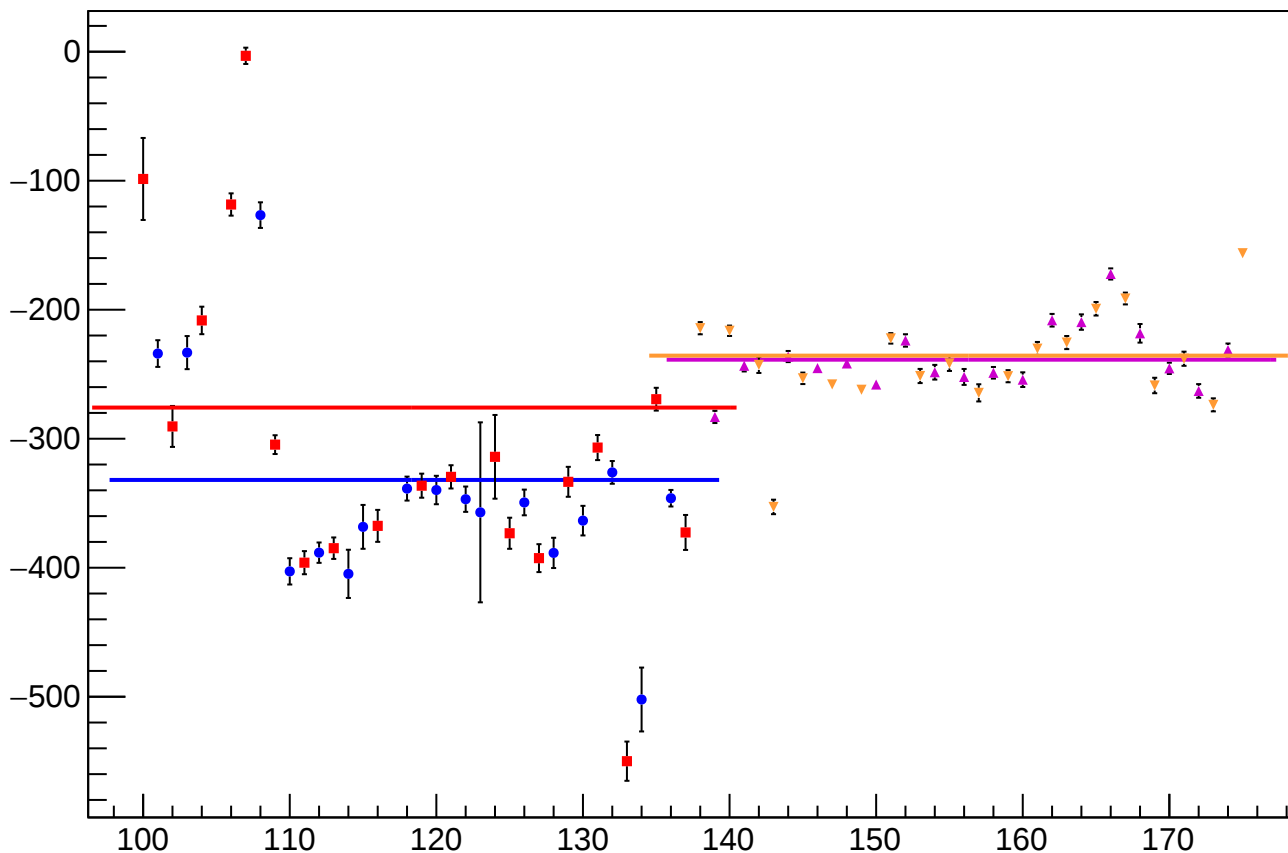
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 6.794 ± 0.690 $\chi^2/\text{NDF}: 783.9/34$

Out: 6.348 ± 0.646 $\chi^2/\text{NDF}: 929.4/38$

All: 6.556 ± 0.472 $\chi^2/\text{NDF}: 1713.4/73$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952+/-2.567 χ^2/NDF : 785.6/16

Left Out: -235.597+/-1.071 χ^2/NDF :1280.8/19

Right Out: -275.853+/-2.323 χ^2/NDF : 3361.7/18

Left In: -238.731+/-1.112 χ^2/NDF :482.0/17

Left: -237.106+/-0.771 χ^2/NDF : 1766.9/37

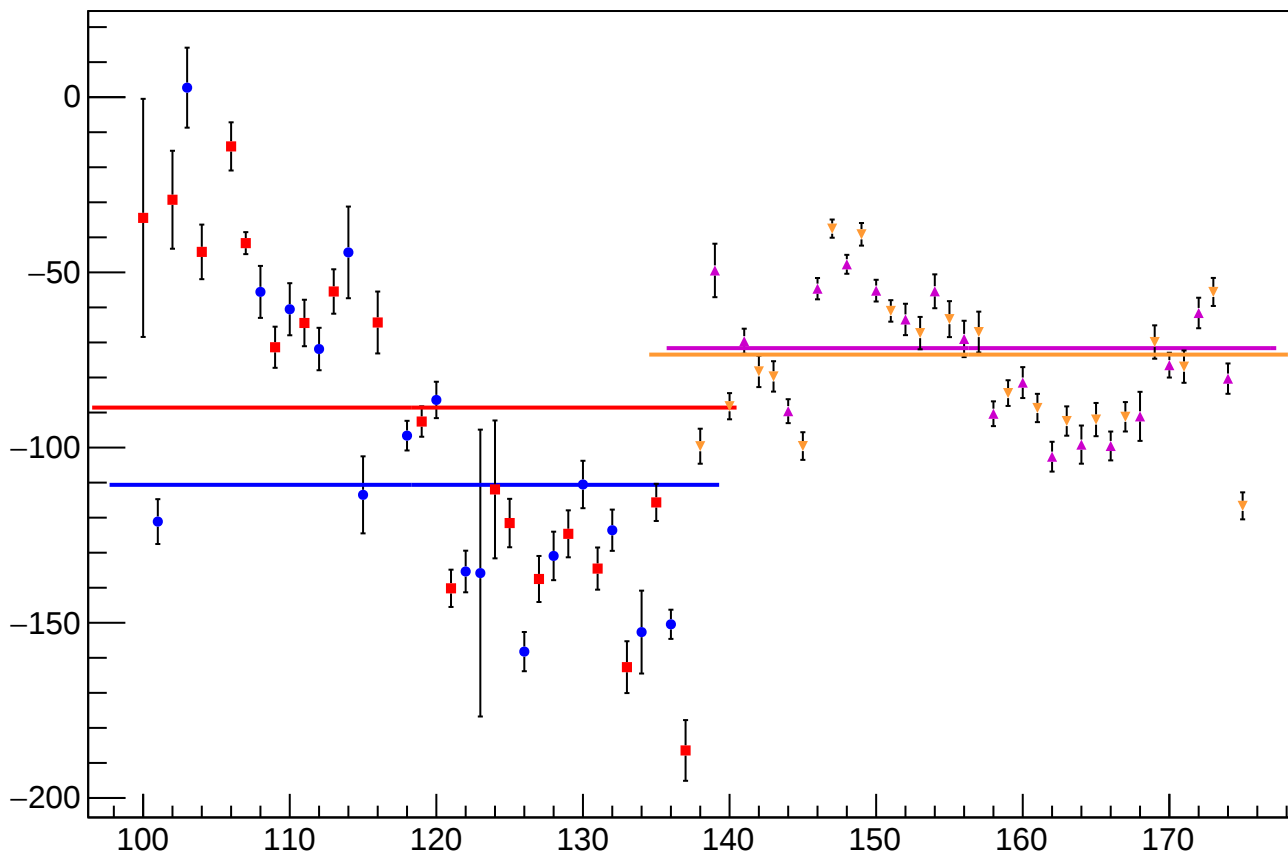
Right: -301.110+/-1.723 χ^2/NDF : 4409.7/35

In: -253.453+/-1.020 χ^2/NDF :2377.9/34

Out: -242.656+/-0.973 χ^2/NDF :4890.0/38

All: -247.798+/-0.704 χ^2/NDF : 7326.5/73

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -73.462+/-0.891 χ^2/NDF : 641.2/19

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -71.621+/-0.934 χ^2/NDF : 365.5/17

Left: -72.585+/-0.645 χ^2/NDF : 1008.8/37

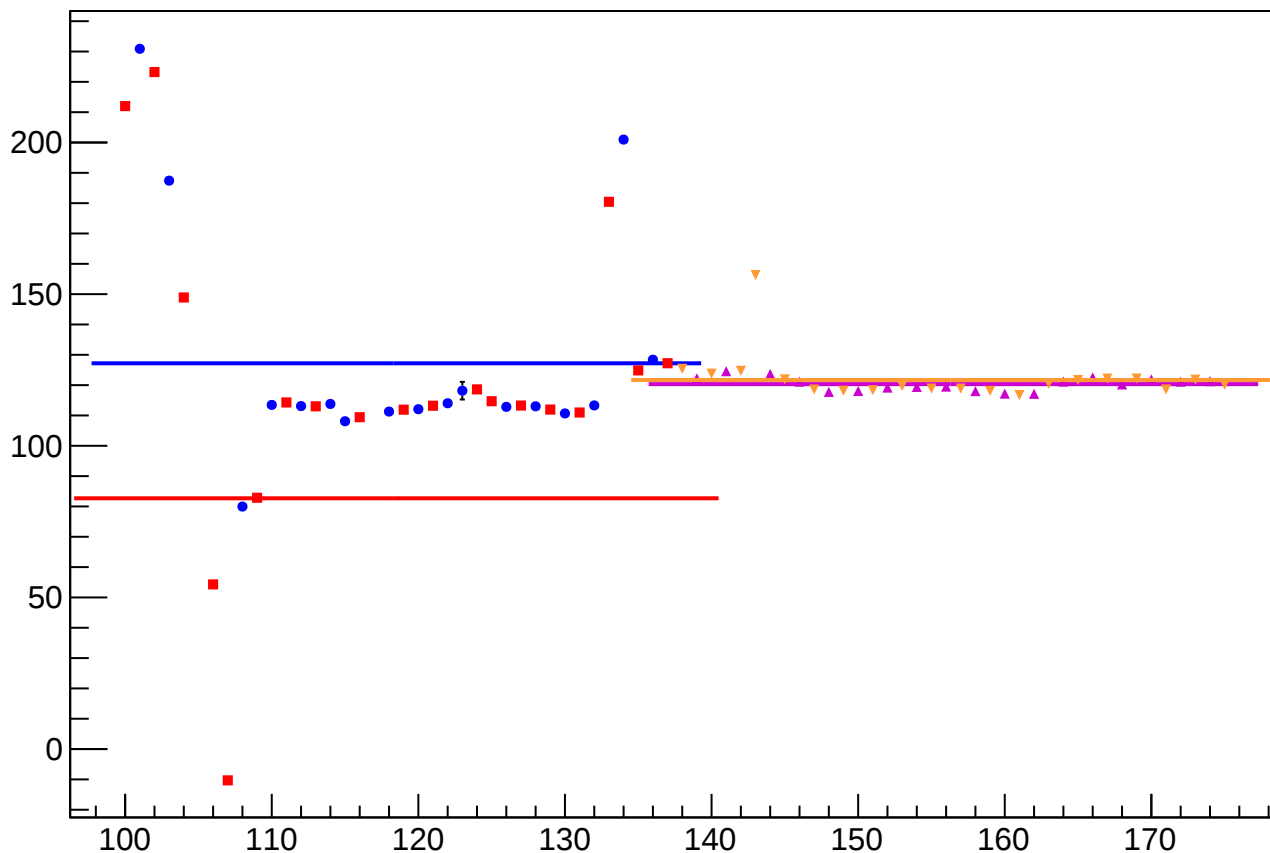
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -81.717+/-0.804 χ^2/NDF : 1325.6/34

Out: -77.681+/-0.757 χ^2/NDF : 1688.1/38

All: -79.576+/-0.551 χ^2/NDF : 3027.1/73

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.696 $\pm$ 0.043 χ^2 /NDF: 27108.1/19

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.327 $\pm$ 0.044 χ^2 /NDF: 2558.8/17

Left: 121.023 $\pm$ 0.031 χ^2 /NDF: 30164.1/37

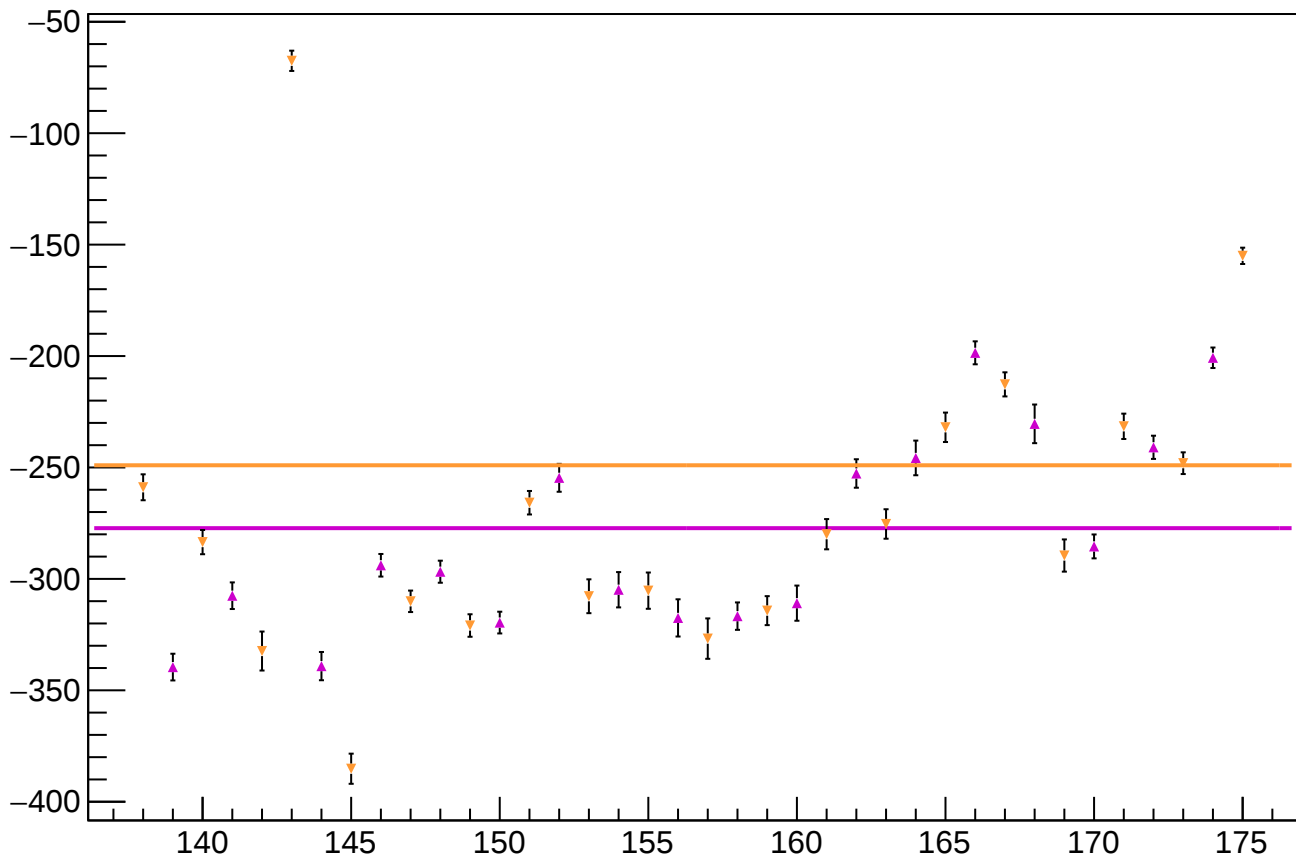
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.664 $\pm$ 0.039 χ^2 /NDF: 195381.9/34

Out: 112.088 $\pm$ 0.037 χ^2 /NDF: 995146.6/38

All: 116.635 $\pm$ 0.027 χ^2 /NDF: 1221714.4/73

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -249.014+/-1.289 χ^2/NDF :3573.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -277.234+/-1.398 χ^2/NDF :1059.7/17

Left: -261.986+/-0.948 χ^2/NDF : 4853.5/37

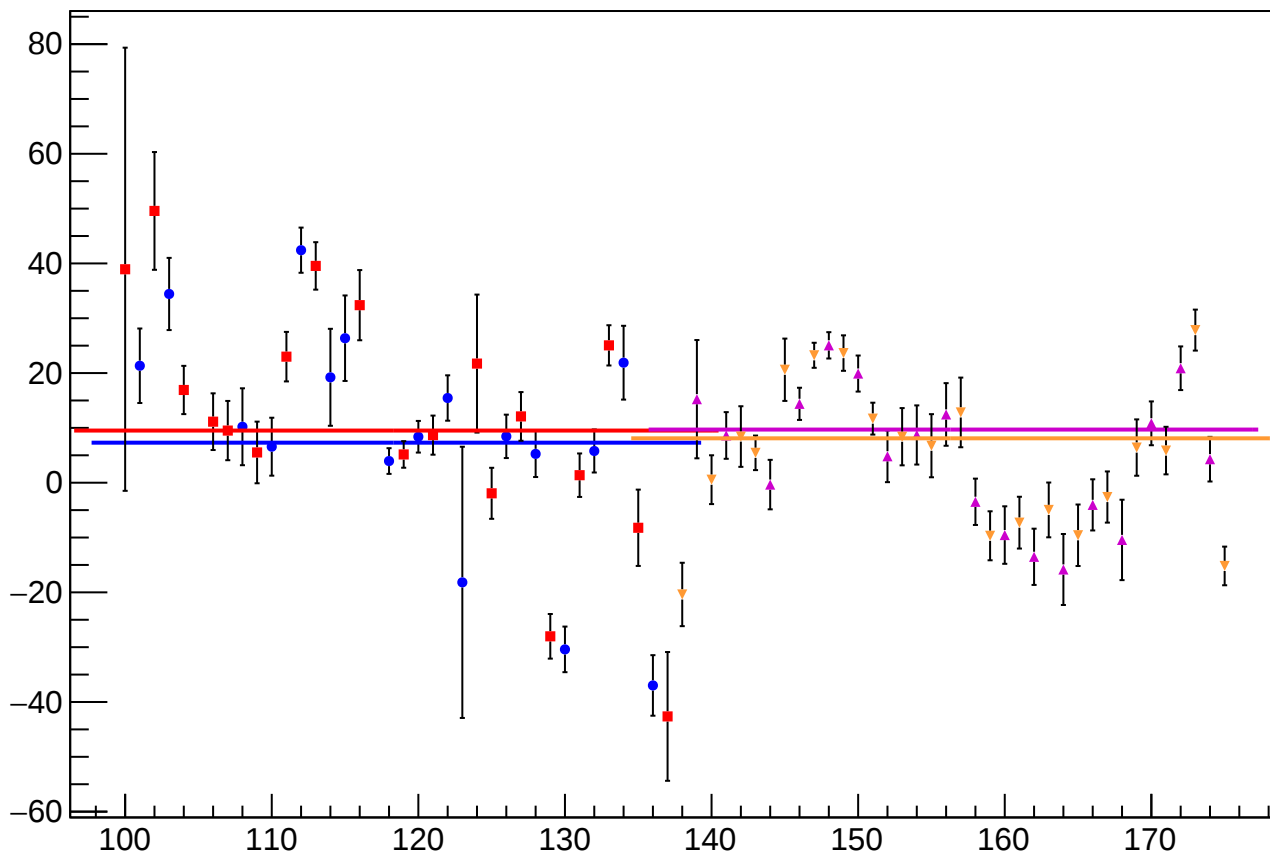
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -277.234+/-1.398 χ^2/NDF :1059.7/17

Out: -249.014+/-1.289 χ^2/NDF :3573.6/19

All: -261.986+/-0.948 χ^2/NDF : 4853.5/37

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 8.097 ± 0.914 χ^2/NDF : 222.3/19

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 9.694 ± 0.995 χ^2/NDF : 144.9/17

Left: 8.827 ± 0.673 χ^2/NDF : 368.6/37

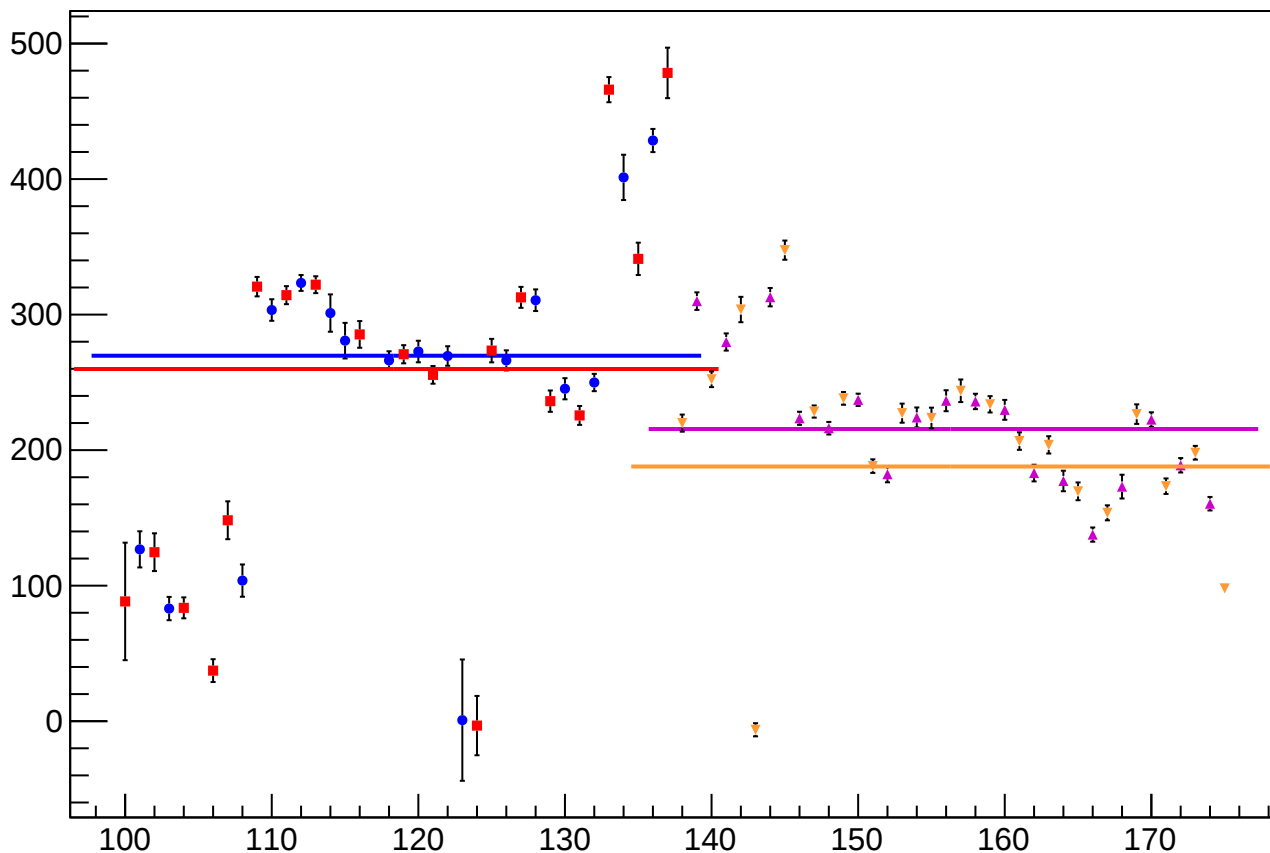
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 8.602 ± 0.734 χ^2/NDF : 408.2/34

Out: 8.693 ± 0.696 χ^2/NDF : 454.9/38

All: 8.650 ± 0.505 χ^2/NDF : 863.1/73

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 187.920 $\pm$ 1.281 χ^2 /NDF:3468.4/19

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 215.574 $\pm$ 1.383 χ^2 /NDF:1046.4/17

Left: 200.693 $\pm$ 0.940 χ^2 /NDF: 4730.1/37

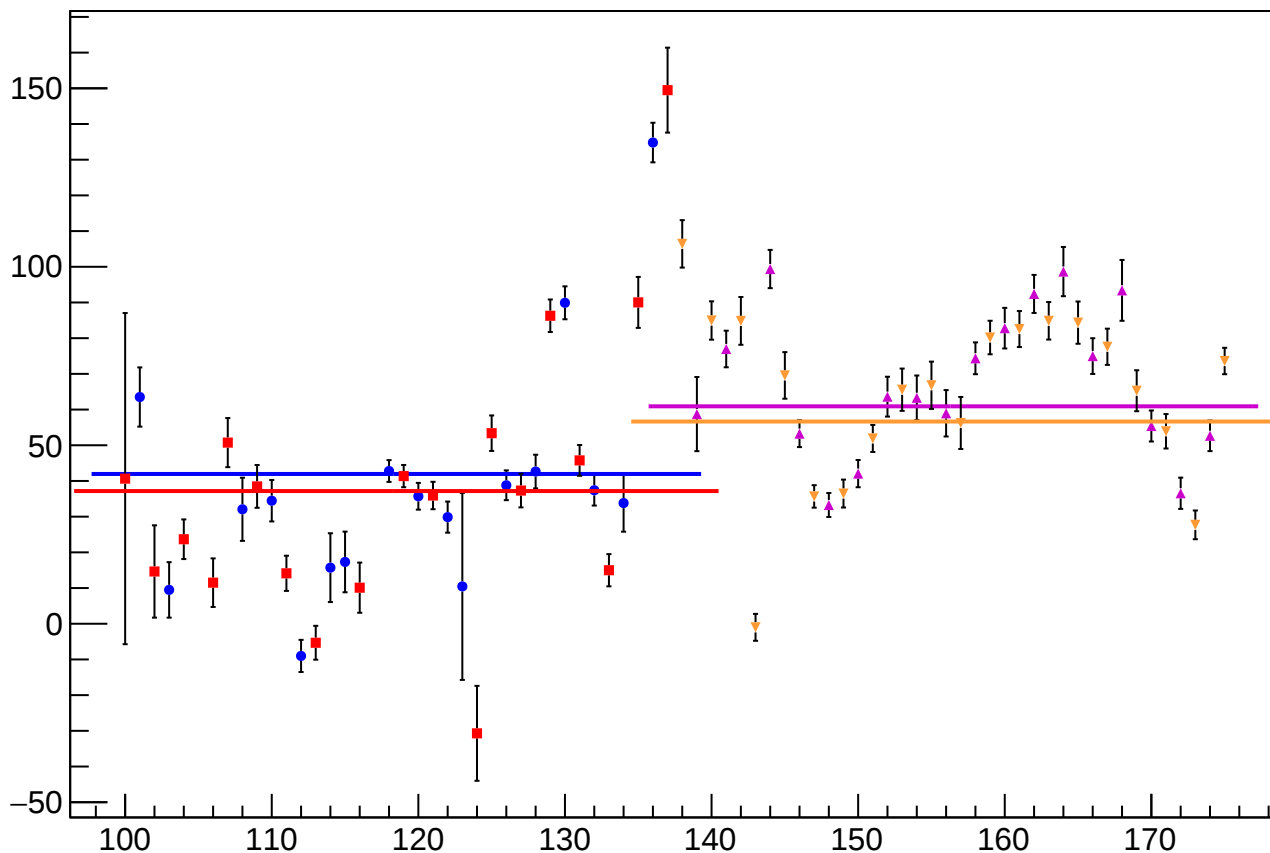
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 232.193 $\pm$ 1.151 χ^2 /NDF:2893.3/34

Out: 209.196 $\pm$ 1.075 χ^2 /NDF:6945.1/38

All: 219.912 $\pm$ 0.786 χ^2 /NDF: 10051.7/73

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 56.651 $\pm$ 1.068 χ^2 /NDF: 611.5/19

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 60.910 $\pm$ 1.161 χ^2 /NDF: 305.7/17

Left: 58.605 $\pm$ 0.786 χ^2 /NDF: 924.5/37

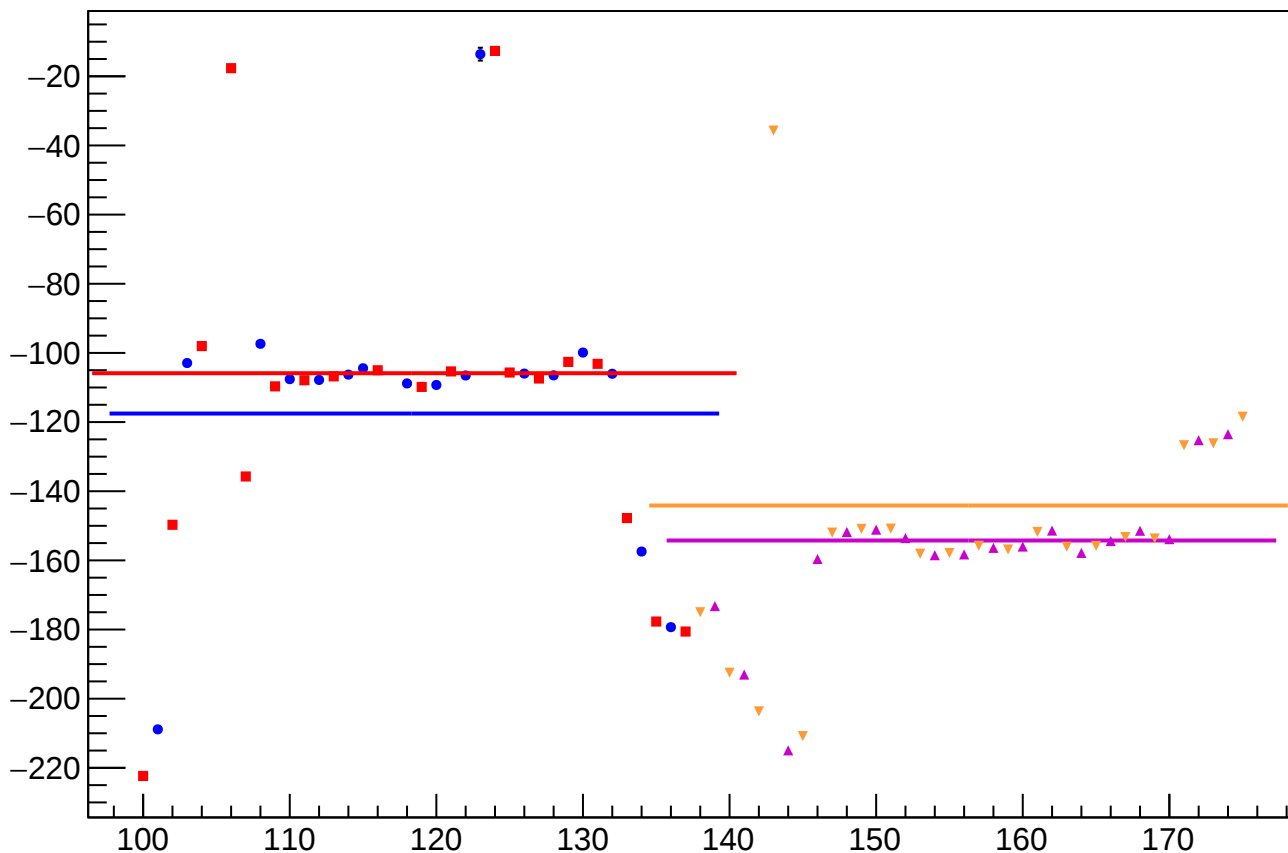
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 52.198 $\pm$ 0.853 χ^2 /NDF: 1002.5/34

Out: 48.320 $\pm$ 0.808 χ^2 /NDF: 1224.5/38

All: 50.154 $\pm$ 0.587 χ^2 /NDF: 2238.0/73

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -144.129+/-0.052 χ^2/NDF : 502914.0/19

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -154.249+/-0.054 χ^2/NDF : 125404.4/17

Left: -148.953+/-0.037 χ^2/NDF : 646590.2/37

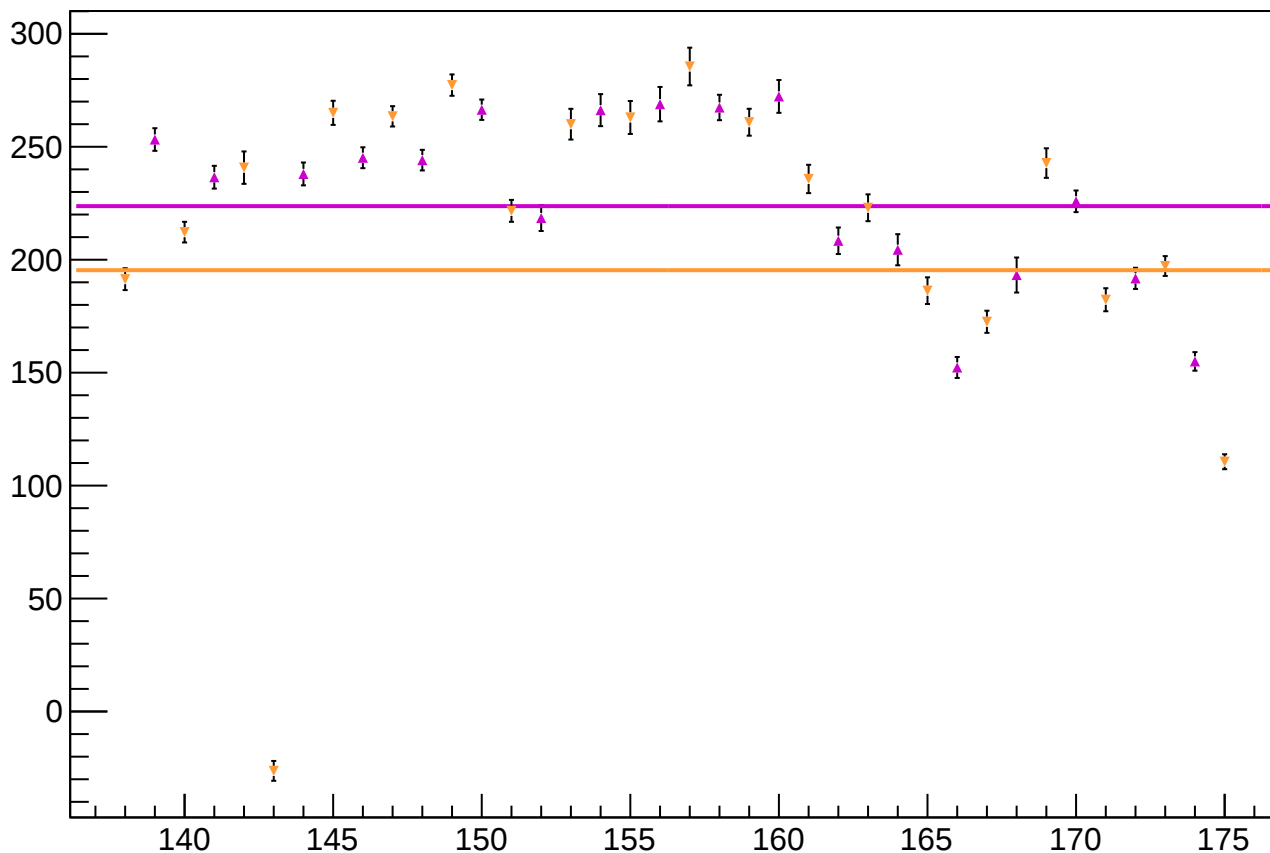
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -142.330+/-0.045 χ^2/NDF : 416613.7/34

Out: -131.300+/-0.042 χ^2/NDF : 1010959.4/38

All: -136.513+/-0.031 χ^2/NDF : 1459957.2/73

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 195.368+/-1.158 χ^2/NDF :4542.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 223.720+/-1.249 χ^2/NDF :949.2/17

Left: 208.483+/-0.849 χ^2/NDF : 5769.0/37

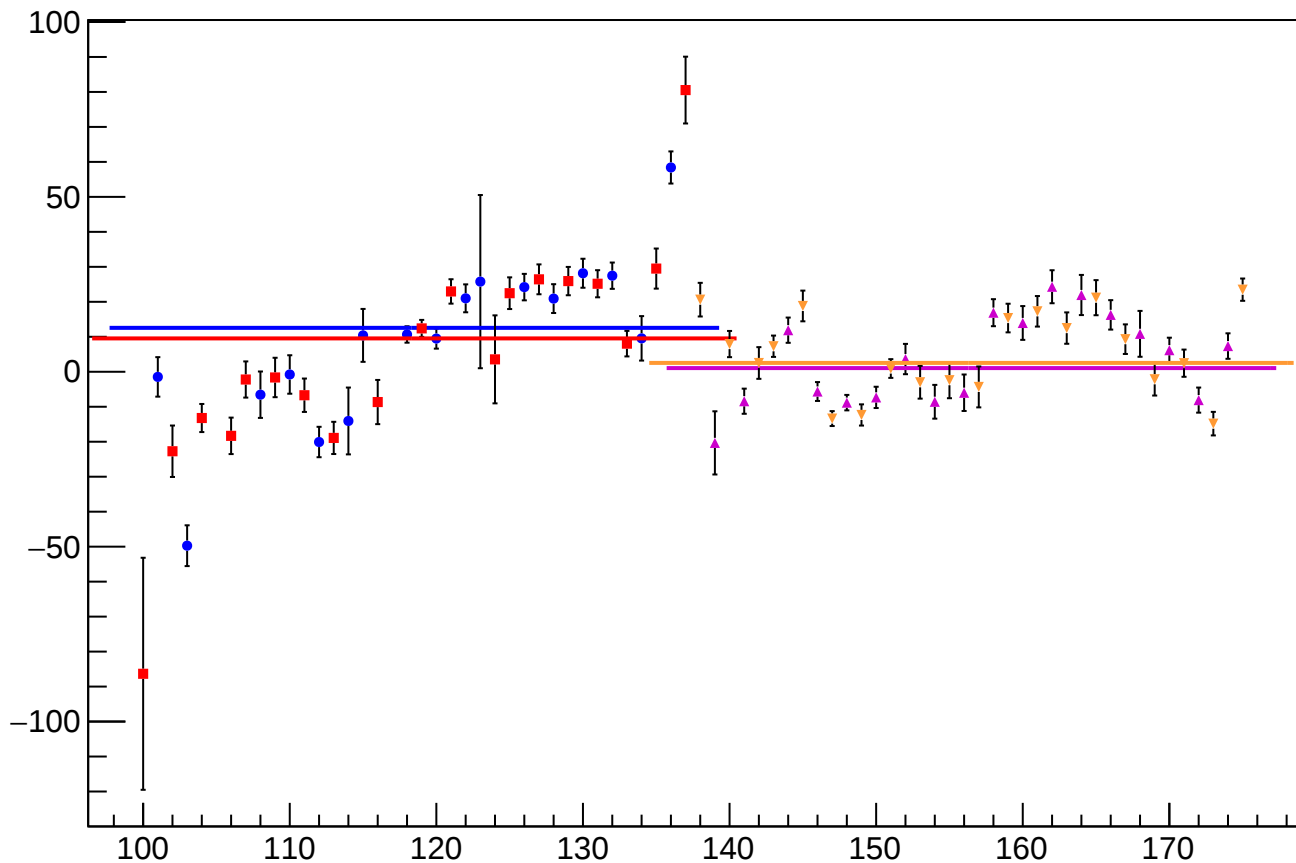
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 223.720+/-1.249 χ^2/NDF :949.2/17

Out: 195.368+/-1.158 χ^2/NDF :4542.7/19

All: 208.483+/-0.849 χ^2/NDF : 5769.0/37

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.535+/-0.828 χ^2/NDF : 229.6/19

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 1.051+/-0.896 χ^2/NDF : 149.8/17

Left: 1.851+/-0.608 χ^2/NDF : 380.9/37

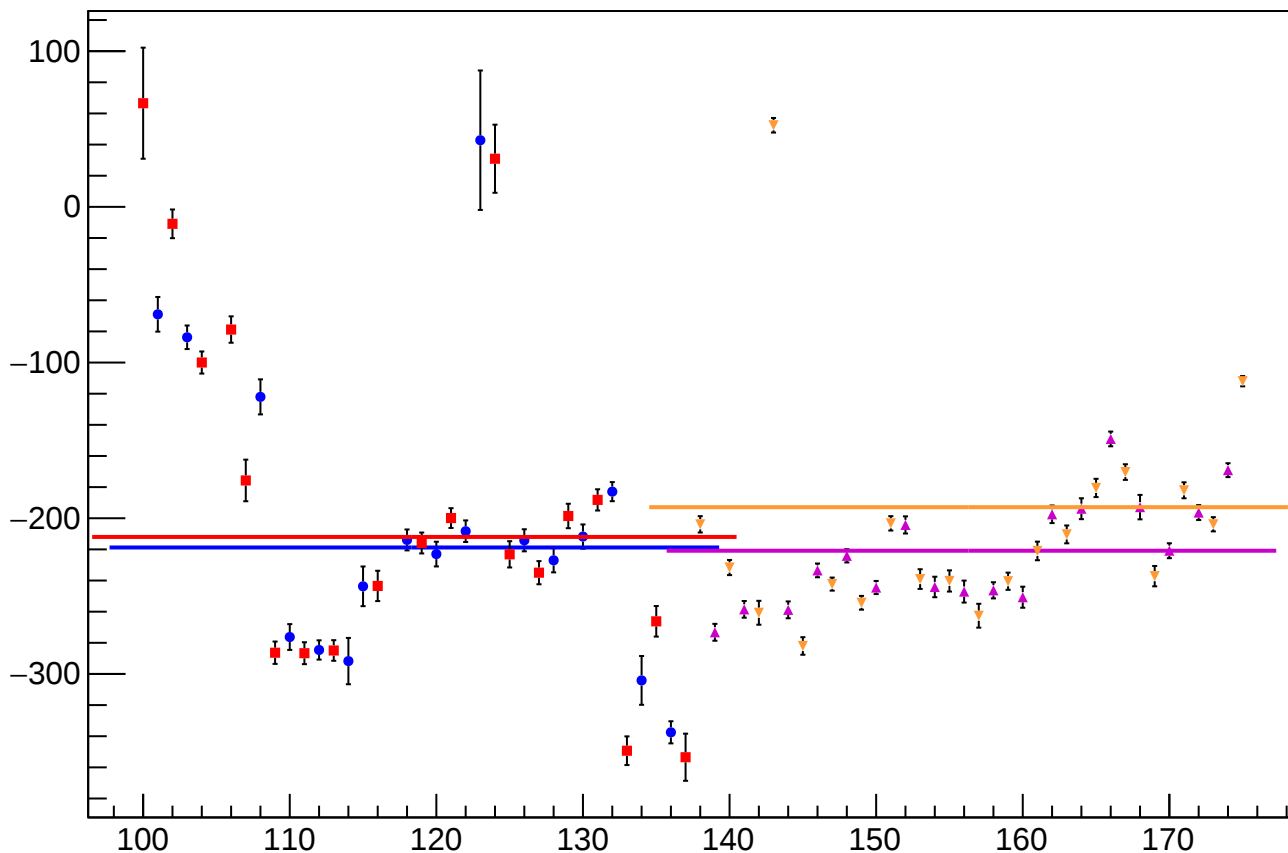
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.859+/-0.683 χ^2/NDF : 567.4/34

Out: 5.221+/-0.650 χ^2/NDF : 552.9/38

All: 5.524+/-0.471 χ^2/NDF : 1120.7/73

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -192.875 ± 1.154 $\chi^2/\text{NDF}: 4439.4/19$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -220.860 ± 1.239 $\chi^2/\text{NDF}: 747.5/17$

Left: -205.876 ± 0.844 $\chi^2/\text{NDF}: 5460.2/37$

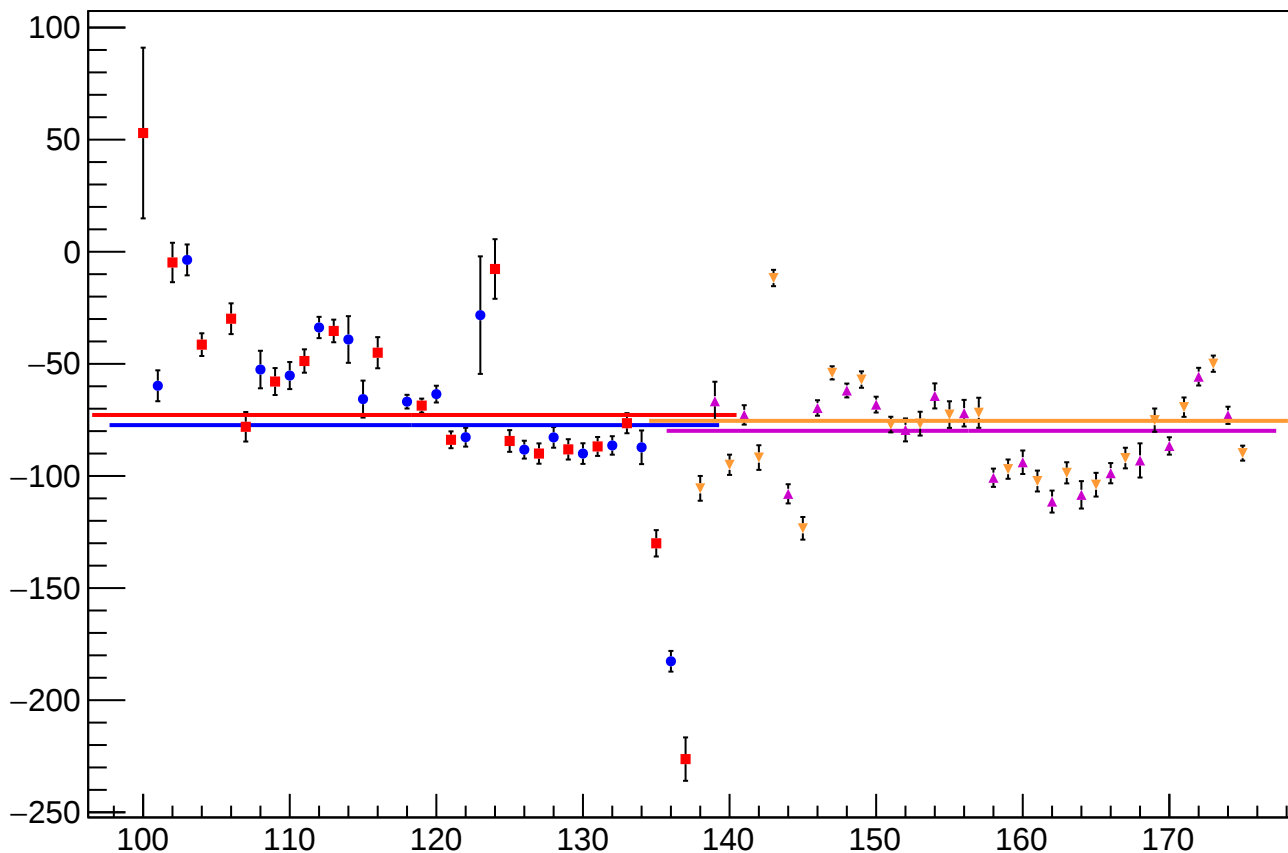
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -220.285 ± 1.055 $\chi^2/\text{NDF}: 1892.7/34$

Out: -197.937 ± 0.989 $\chi^2/\text{NDF}: 6397.8/38$

All: -208.400 ± 0.722 $\chi^2/\text{NDF}: 8529.4/73$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -75.410 ± 0.966 $\chi^2/\text{NDF}: 726.8/19$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -79.865 ± 1.043 $\chi^2/\text{NDF}: 272.4/17$

Left: -77.466 ± 0.709 $\chi^2/\text{NDF}: 1009.0/37$

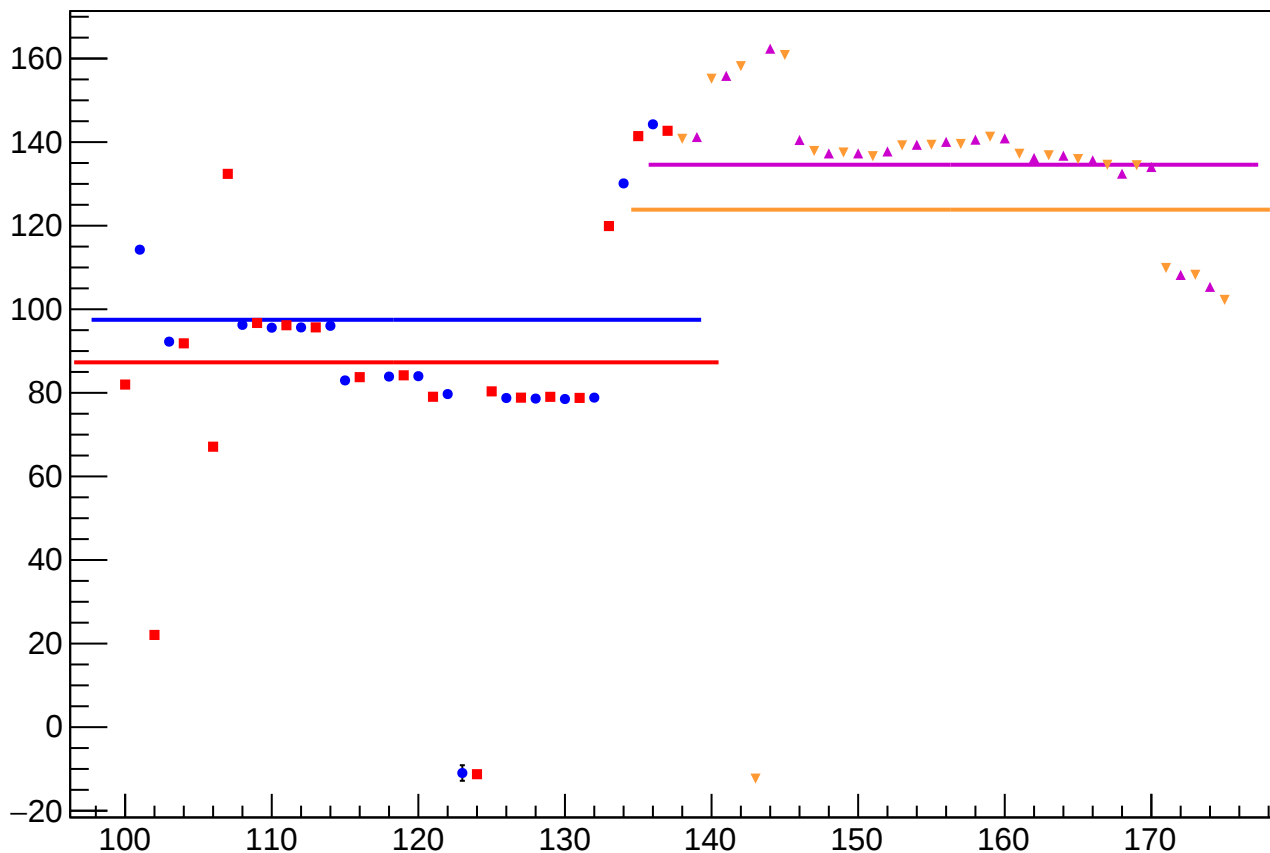
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -78.792 ± 0.793 $\chi^2/\text{NDF}: 1092.6/34$

Out: -74.390 ± 0.754 $\chi^2/\text{NDF}: 1401.4/38$

All: -76.479 ± 0.547 $\chi^2/\text{NDF}: 2510.2/73$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 123.834+/-0.047 χ^2/NDF : 673132.0/19

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 134.587+/-0.049 χ^2/NDF : 85127.4/17

Left: 128.985+/-0.034 χ^2/NDF : 783859.6/37

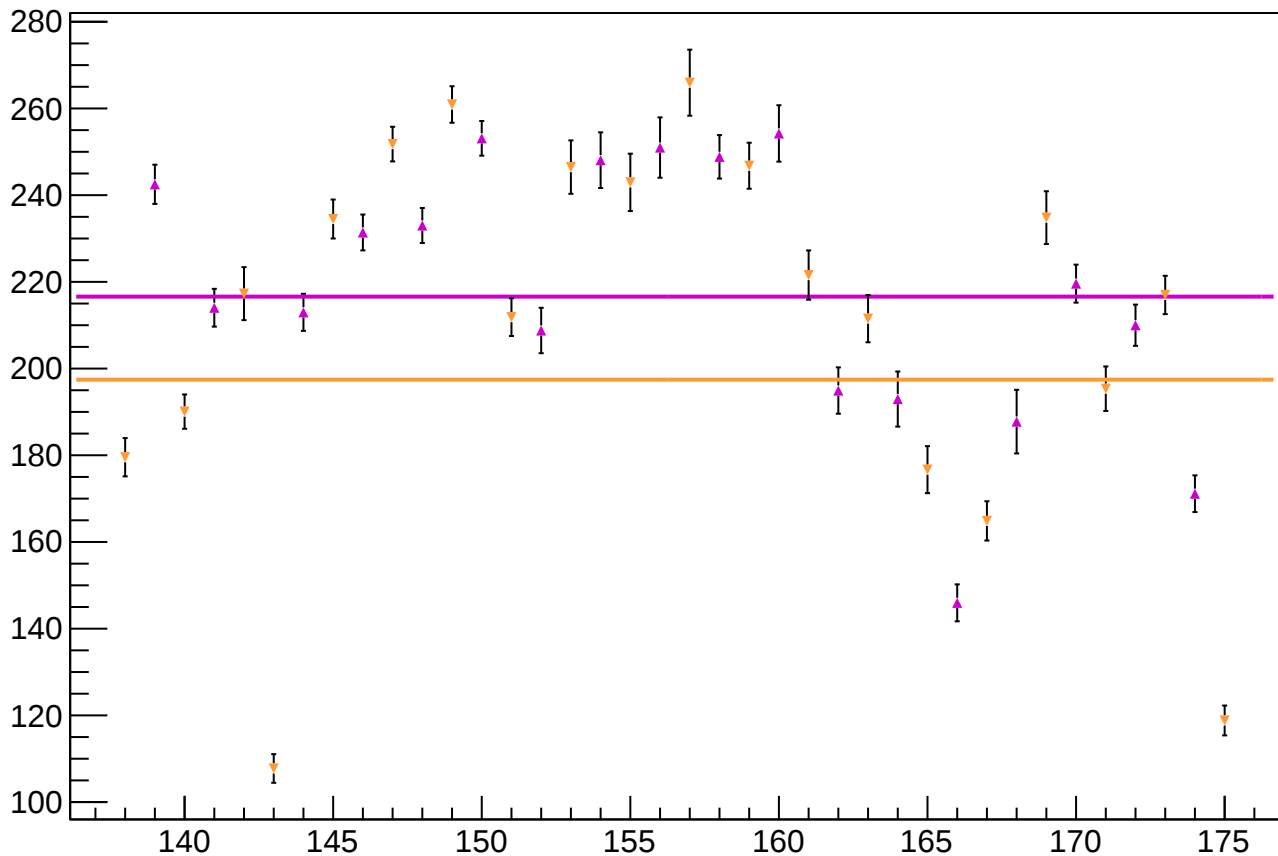
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 123.301+/-0.040 χ^2/NDF : 357491.0/34

Out: 112.242+/-0.038 χ^2/NDF : 1090819.9/38

All: 117.486+/-0.028 χ^2/NDF : 1487584.5/73

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 197.446+/-1.051 χ^2/NDF :2205.2/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 216.597+/-1.141 χ^2/NDF :710.0/17

Left: 206.243+/-0.773 χ^2/NDF : 3067.6/37

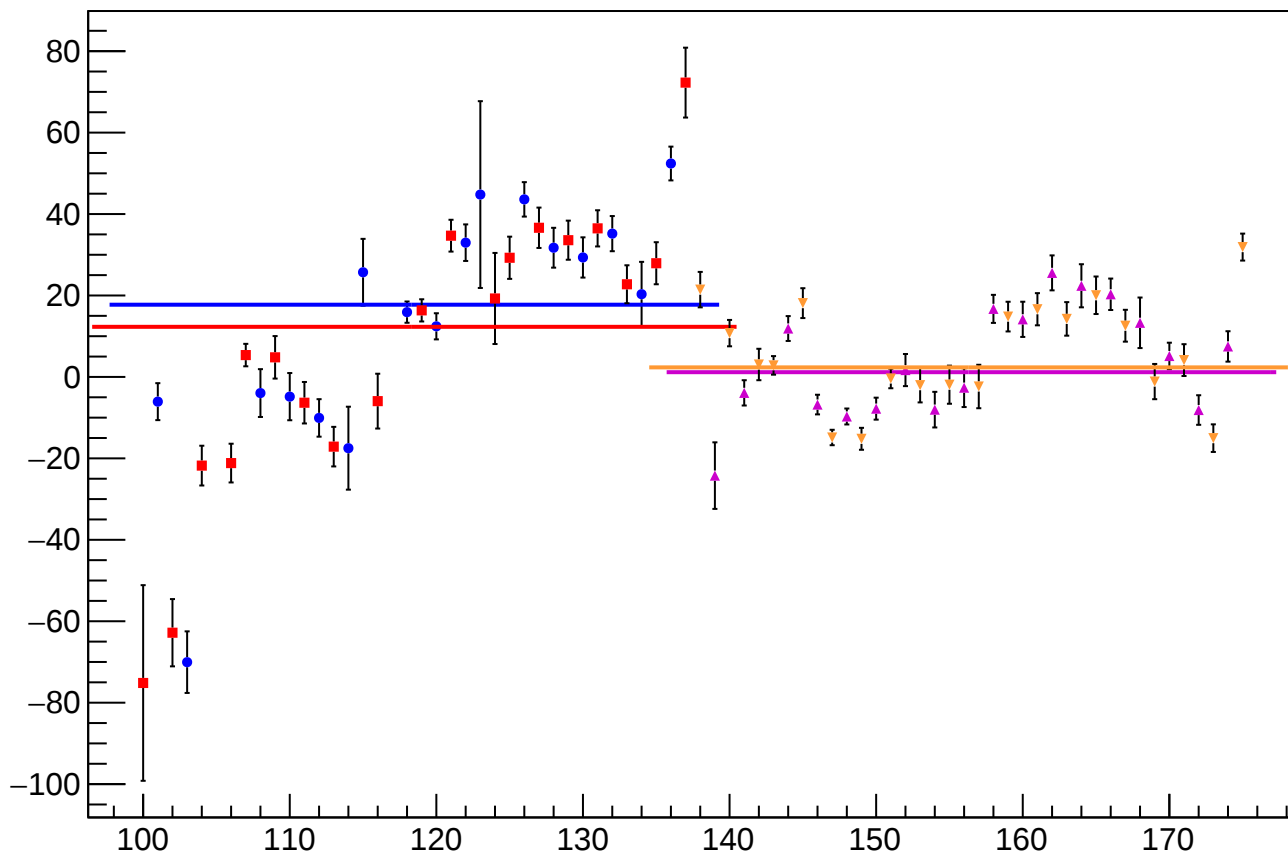
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 216.597+/-1.141 χ^2/NDF :710.0/17

Out: 197.446+/-1.051 χ^2/NDF :2205.2/19

All: 206.243+/-0.773 χ^2/NDF : 3067.6/37

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 2.346 $\pm$ 0.742 χ^2 /NDF:335.0/19

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: 1.164 $\pm$ 0.811 χ^2 /NDF:199.5/17

Left: 1.808 $\pm$ 0.547 χ^2 /NDF: 535.7/37

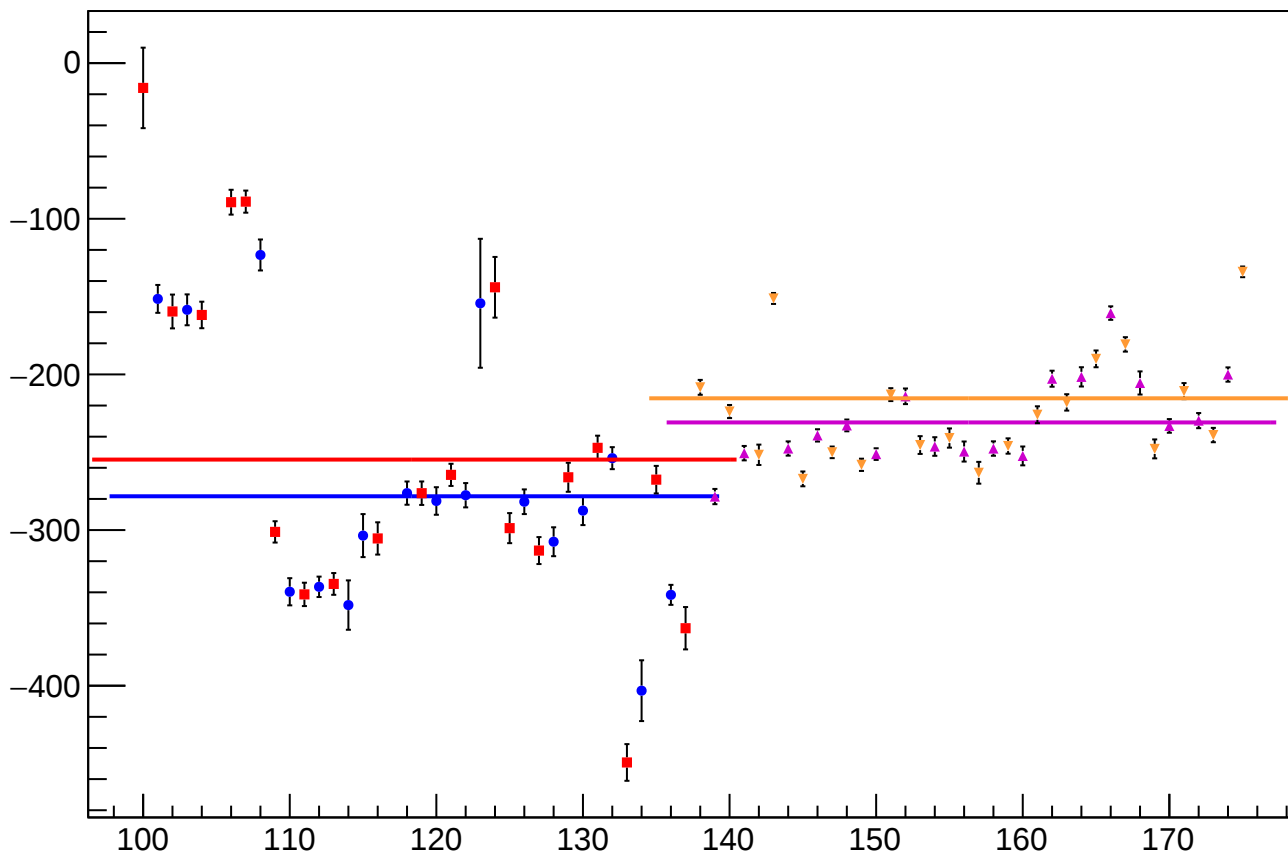
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 6.682 $\pm$ 0.663 χ^2 /NDF:732.4/34

Out: 5.522 $\pm$ 0.612 χ^2 /NDF:835.0/38

All: 6.056 $\pm$ 0.450 χ^2 /NDF: 1569.0/73

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -215.348 ± 1.049 $\chi^2/\text{NDF}: 1517.4/19$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -230.853 ± 1.130 $\chi^2/\text{NDF}: 583.3/17$

Left: -222.528 ± 0.769 $\chi^2/\text{NDF}: 2201.8/37$

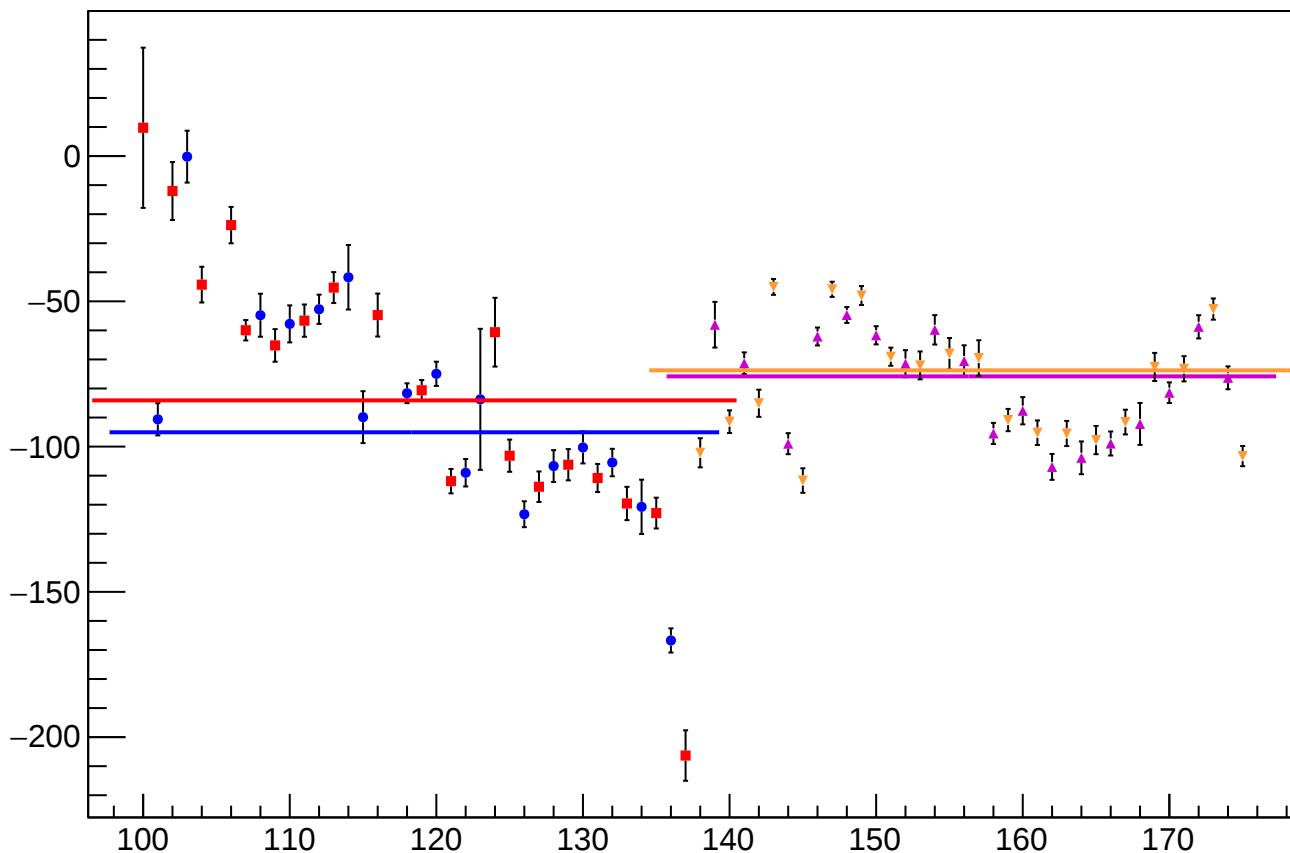
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -240.953 ± 1.002 $\chi^2/\text{NDF}: 1868.7/34$

Out: -223.721 ± 0.931 $\chi^2/\text{NDF}: 3854.8/38$

All: -231.702 ± 0.682 $\chi^2/\text{NDF}: 5882.2/73$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -73.760 ± 0.871 χ^2/NDF : 648.9/19

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -75.829 ± 0.949 χ^2/NDF : 325.3/17

Left: -74.706 ± 0.642 χ^2/NDF : 976.8/37

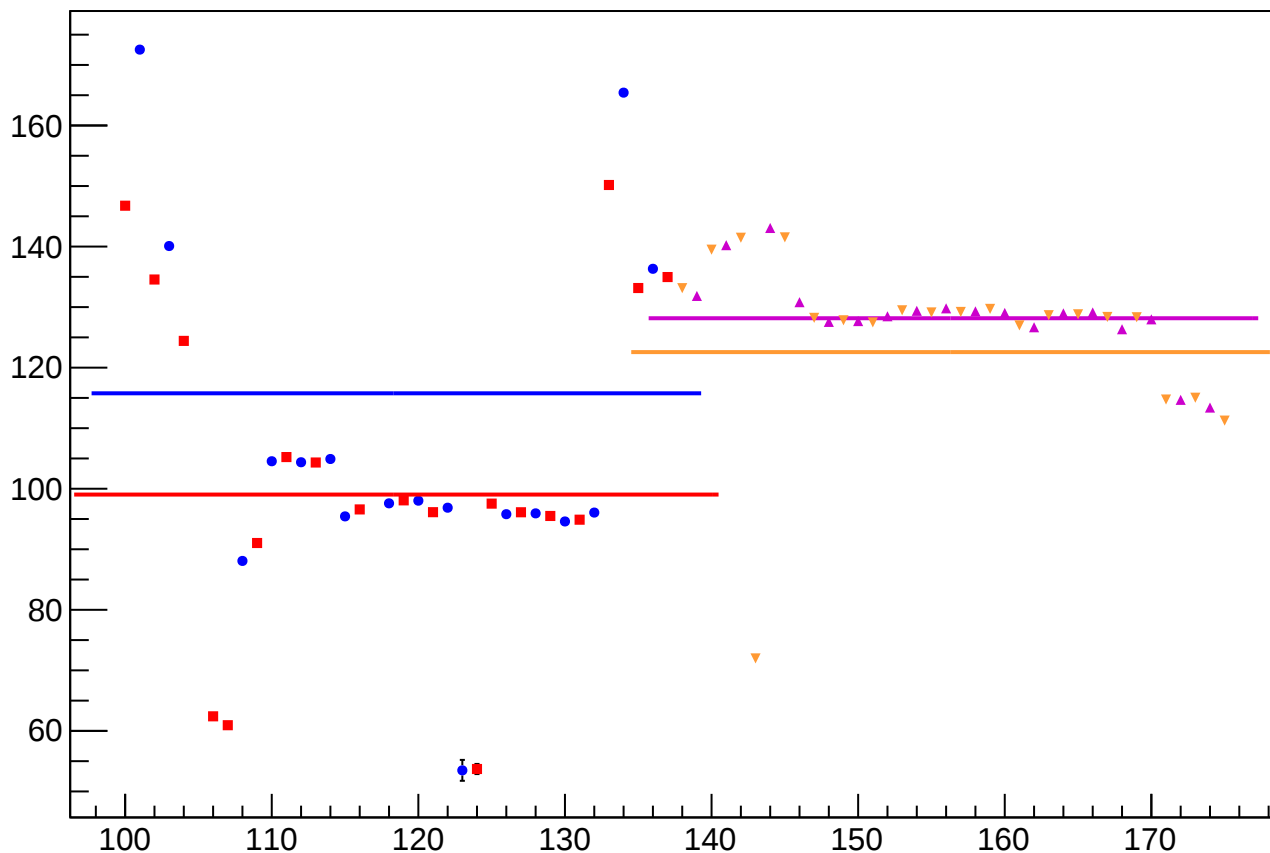
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -82.350 ± 0.772 χ^2/NDF : 1137.9/34

Out: -77.112 ± 0.716 χ^2/NDF : 1475.0/38

All: -79.535 ± 0.525 χ^2/NDF : 2637.6/73

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 122.569 $\pm$ 0.042 χ^2 /NDF:173514.5/19

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 128.162 $\pm$ 0.044 χ^2 /NDF:24560.2/17

Left: 125.226 $\pm$ 0.031 χ^2 /NDF: 206391.7/37

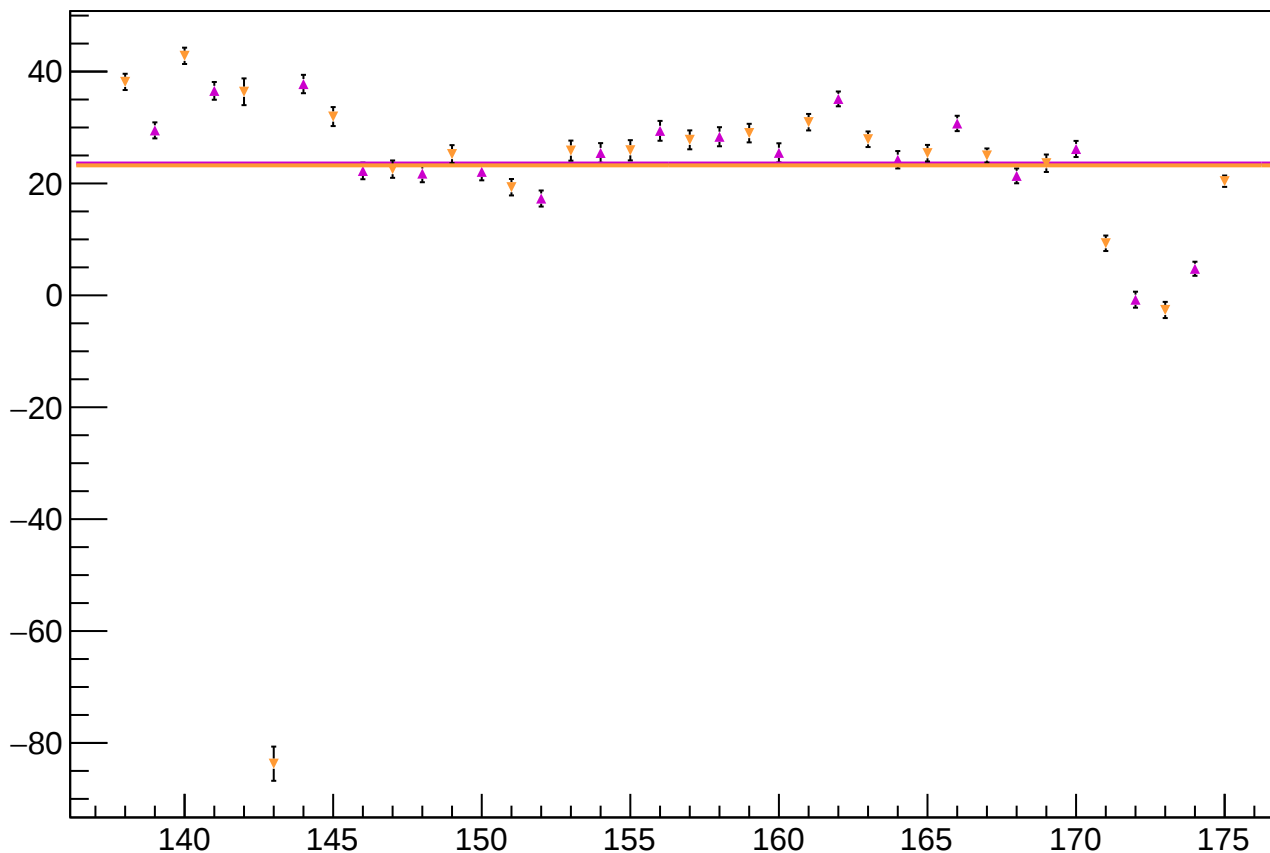
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.129 $\pm$ 0.039 χ^2 /NDF:149903.8/34

Out: 116.076 $\pm$ 0.036 χ^2 /NDF:432497.0/38

All: 120.281 $\pm$ 0.026 χ^2 /NDF: 611830.0/73

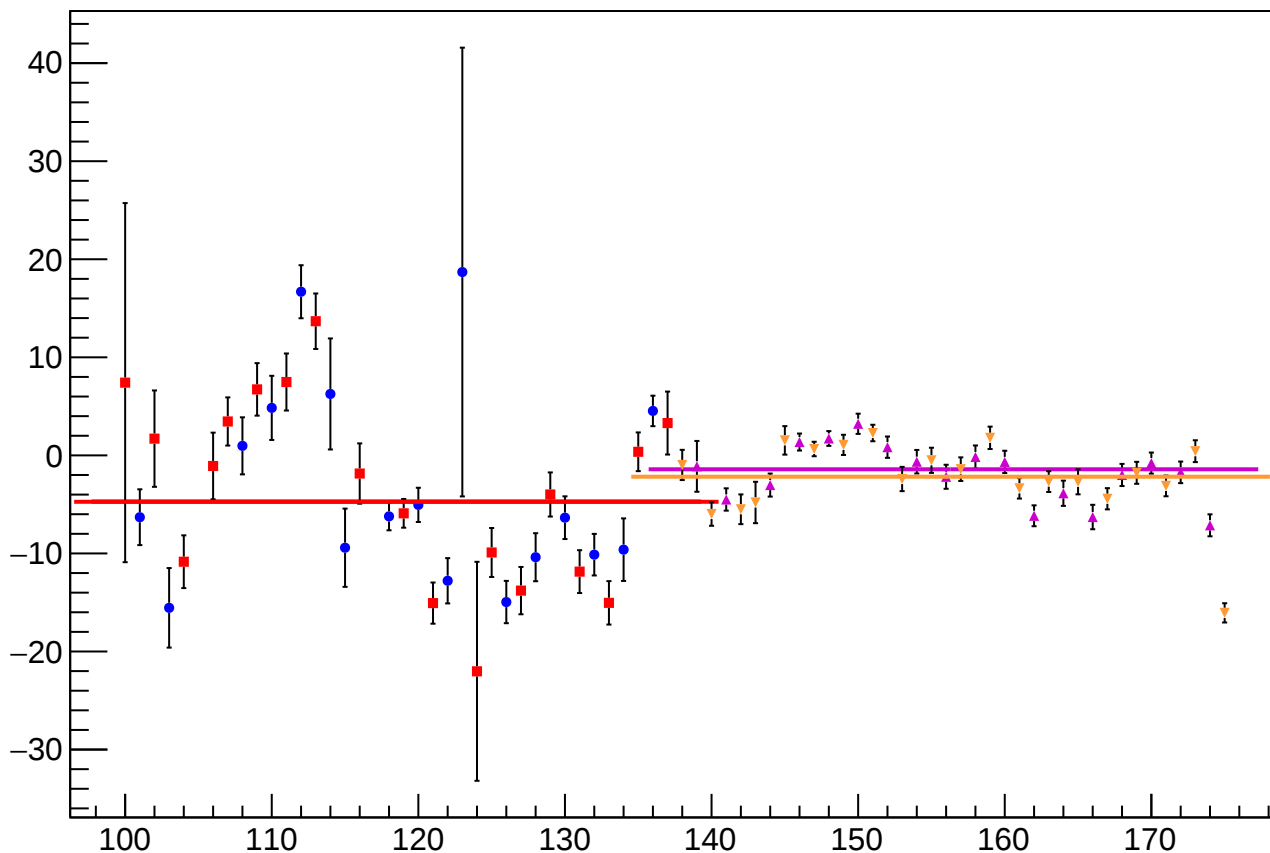
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 23.234 $\pm$ 0.341 χ^2 /NDF:2071.2/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 23.558 $\pm$ 0.352 χ^2 /NDF:824.4/17

Left: 23.391 $\pm$ 0.245 χ^2 /NDF: 2896.1/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 23.558 $\pm$ 0.352 χ^2 /NDF:824.4/17
 Out: 23.234 $\pm$ 0.341 χ^2 /NDF:2071.2/19
 All: 23.391 $\pm$ 0.245 χ^2 /NDF: 2896.1/37

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -2.177 ± 0.250 $\chi^2/\text{NDF}: 302.9/19$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -1.418 ± 0.260 $\chi^2/\text{NDF}: 129.2/17$

Left: -1.812 ± 0.180 $\chi^2/\text{NDF}: 436.5/37$

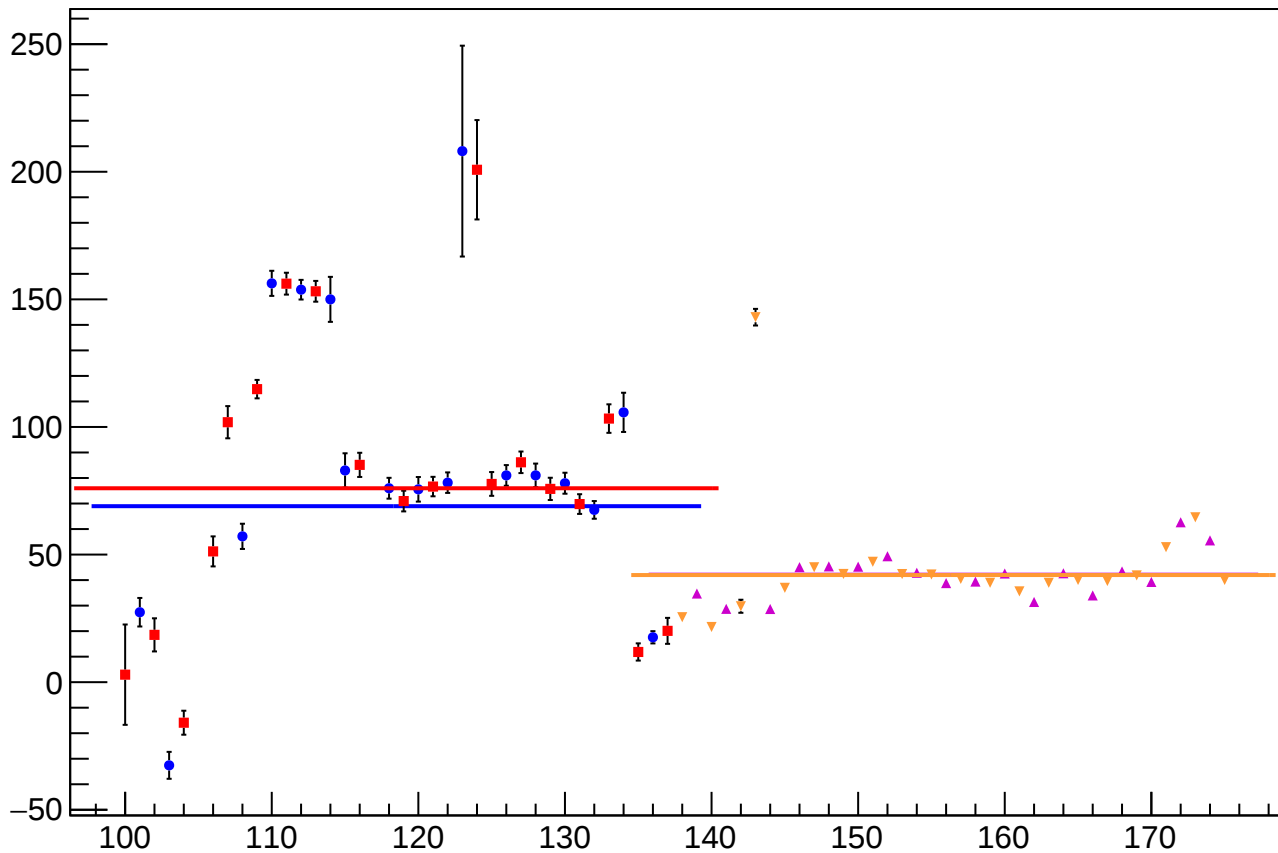
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.969 ± 0.237 $\chi^2/\text{NDF}: 330.7/34$

Out: -2.572 ± 0.230 $\chi^2/\text{NDF}: 508.8/38$

All: -2.280 ± 0.165 $\chi^2/\text{NDF}: 842.8/73$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 41.977 ± 0.337 $\chi^2/\text{NDF}: 1617.9/19$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 42.127 ± 0.349 $\chi^2/\text{NDF}: 596.4/17$

Left: 42.050 ± 0.242 $\chi^2/\text{NDF}: 2214.4/37$

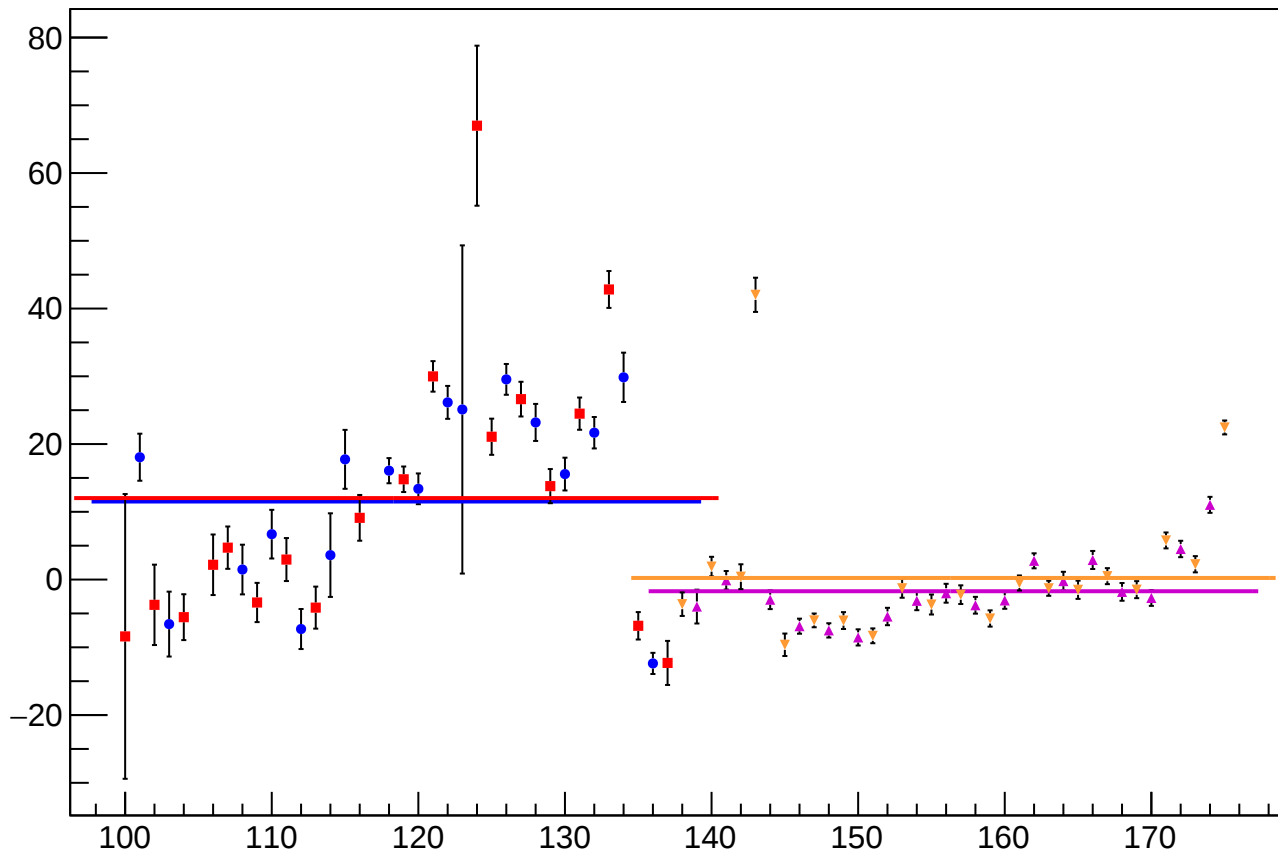
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 44.664 ± 0.332 $\chi^2/\text{NDF}: 3000.5/34$

Out: 45.045 ± 0.321 $\chi^2/\text{NDF}: 4432.6/38$

All: 44.860 ± 0.231 $\chi^2/\text{NDF}: 7433.8/73$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2 /NDF: 477.2/16

Left Out: 0.238+/-0.287 χ^2 /NDF:975.1/19

Right Out: 12.026+/-0.664 χ^2 /NDF: 539.7/18

Left In: -1.722+/-0.299 χ^2 /NDF:274.4/17

Left: -0.702+/-0.207 χ^2 /NDF: 1271.9/37

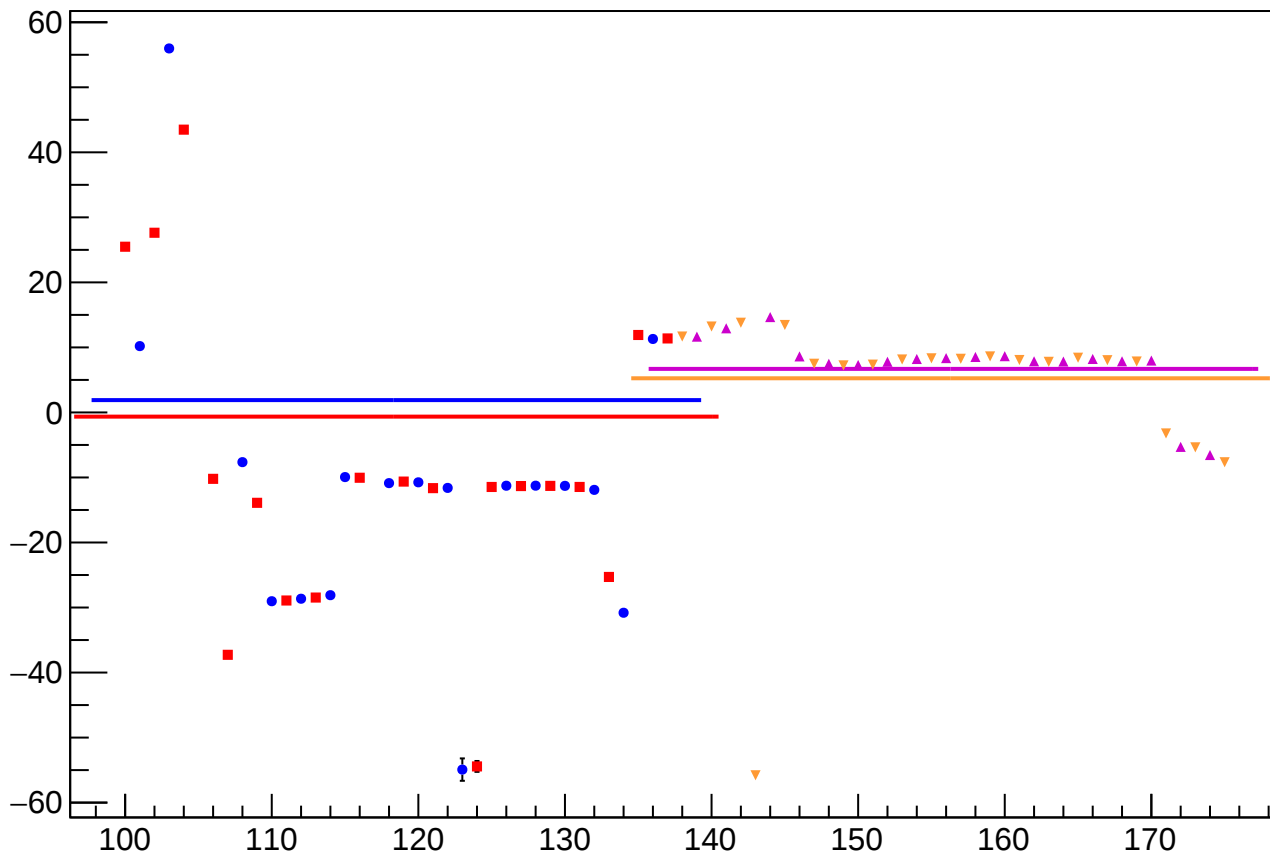
Right: 11.772+/-0.468 χ^2 /NDF: 1017.2/35

In: 0.531+/-0.272 χ^2 /NDF:1085.9/34

Out: 2.091+/-0.263 χ^2 /NDF:1780.2/38

All: 1.336+/-0.189 χ^2 /NDF: 2883.1/73

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 $\chi^2/\text{NDF}: 358855.7/16$

Left Out: 5.252 ± 0.013 $\chi^2/\text{NDF}: 427078.5/19$

Right Out: -0.644 ± 0.037 $\chi^2/\text{NDF}: 361626.2/18$

Left In: 6.697 ± 0.013 $\chi^2/\text{NDF}: 159132.1/17$

Left: 5.964 ± 0.009 $\chi^2/\text{NDF}: 592023.0/37$

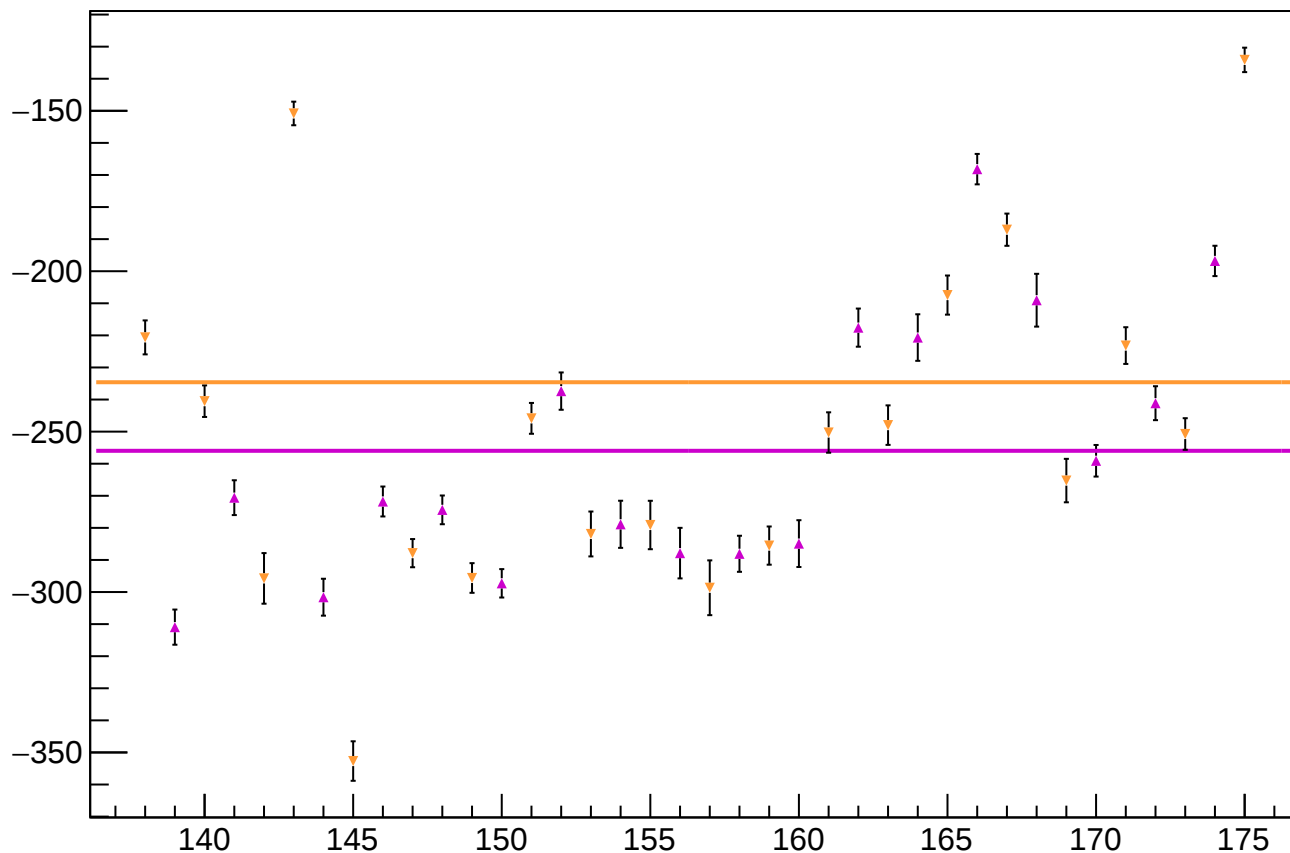
Right: 0.626 ± 0.026 $\chi^2/\text{NDF}: 722831.9/35$

In: 6.134 ± 0.013 $\chi^2/\text{NDF}: 532816.3/34$

Out: 4.579 ± 0.013 $\chi^2/\text{NDF}: 811137.2/38$

All: 5.347 ± 0.009 $\chi^2/\text{NDF}: 1351574.7/73$

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -234.604+/-1.199 χ^2/NDF :2343.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.979+/-1.305 χ^2/NDF :976.4/17

Left: -244.387+/-0.883 χ^2/NDF : 3465.4/37

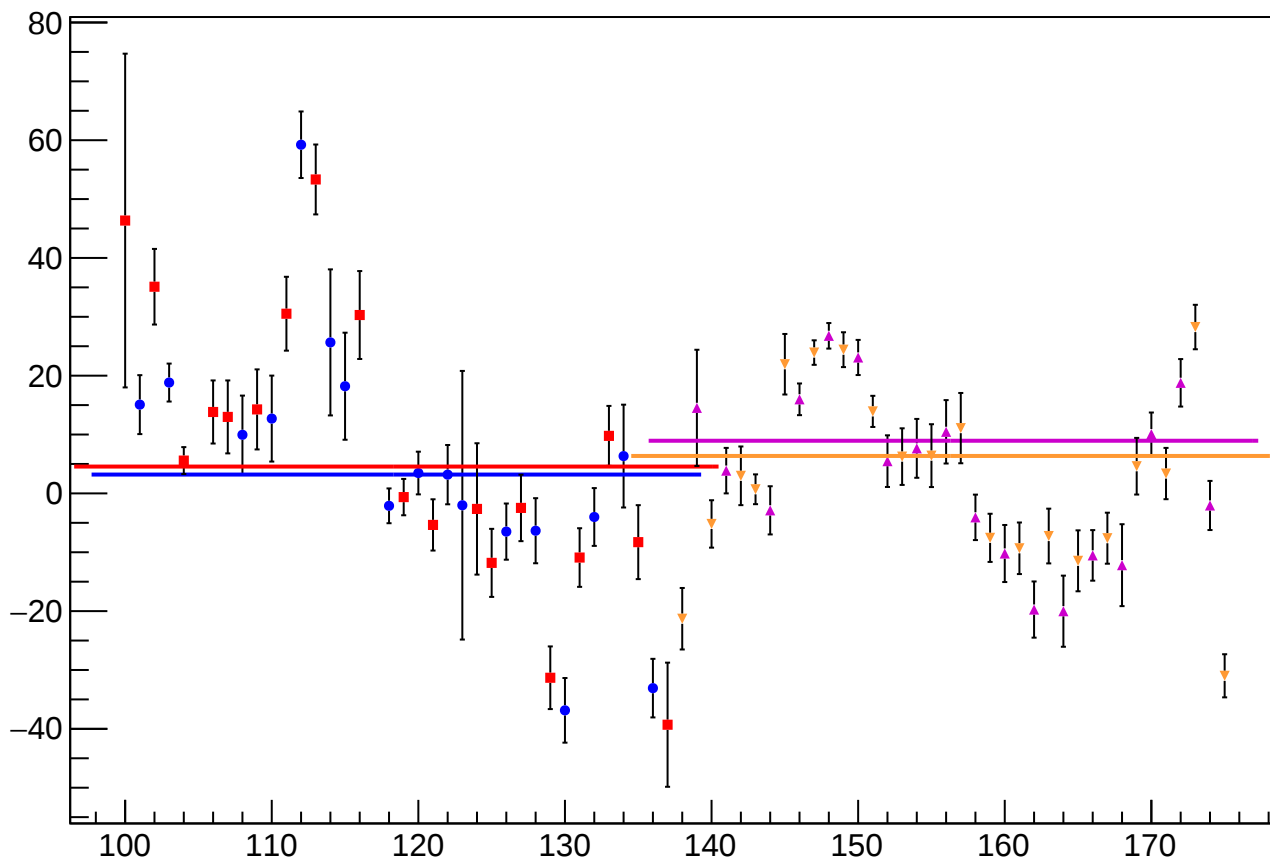
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.979+/-1.305 χ^2/NDF :976.4/17

Out: -234.604+/-1.199 χ^2/NDF :2343.5/19

All: -244.387+/-0.883 χ^2/NDF : 3465.4/37

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 6.361 ± 0.840 χ^2/NDF : 361.5/19

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 8.944 ± 0.923 χ^2/NDF : 236.7/17

Left: 7.532 ± 0.621 χ^2/NDF : 602.5/37

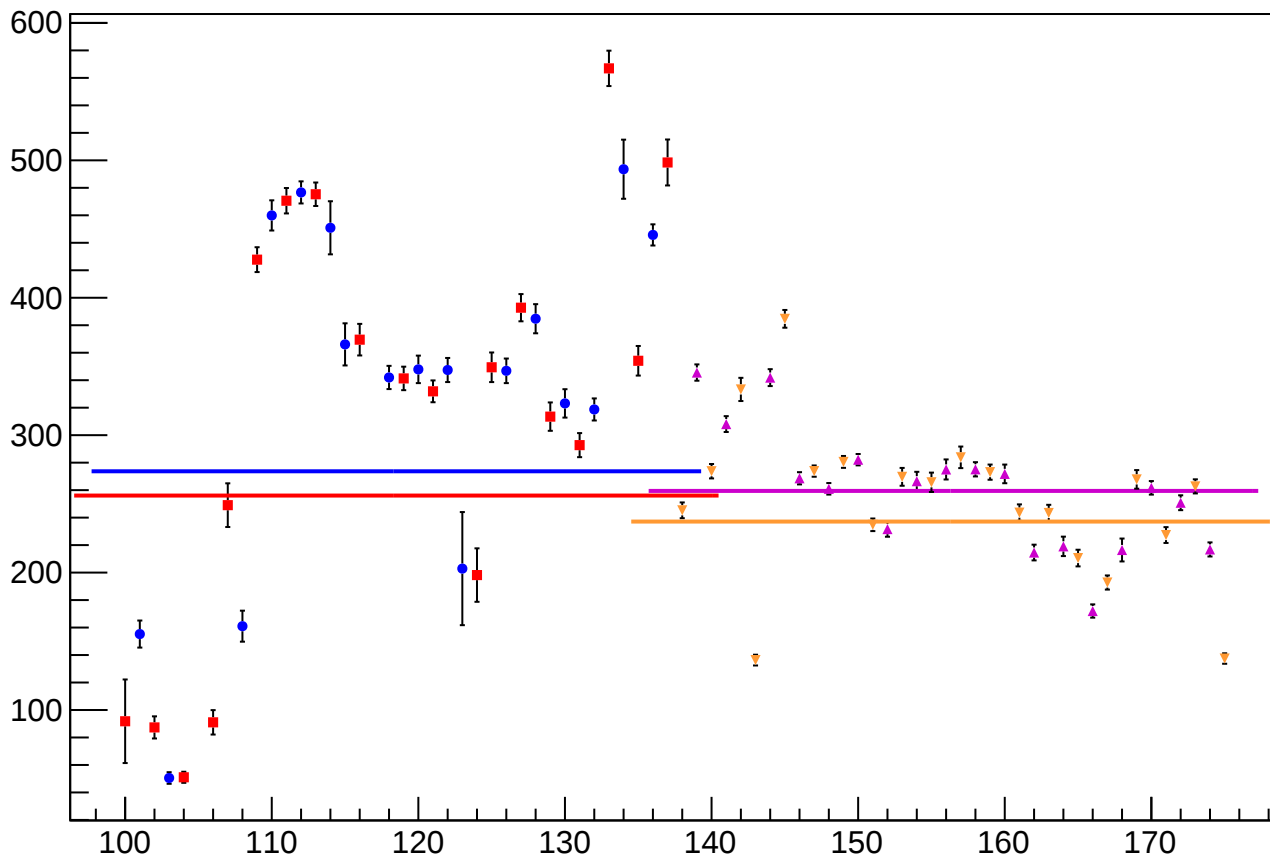
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 6.870 ± 0.737 χ^2/NDF : 505.9/34

Out: 5.739 ± 0.680 χ^2/NDF : 587.0/38

All: 6.259 ± 0.500 χ^2/NDF : 1094.1/73

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717+/-2.195 χ^2/NDF : 5103.3/16

Left Out: 237.130+/-1.192 χ^2/NDF : 2495.9/19

Right Out: 256.055+/-2.079 χ^2/NDF : 6441.1/18

Left In: 259.434+/-1.288 χ^2/NDF : 1058.4/17

Left: 247.421+/-0.875 χ^2/NDF : 3715.8/37

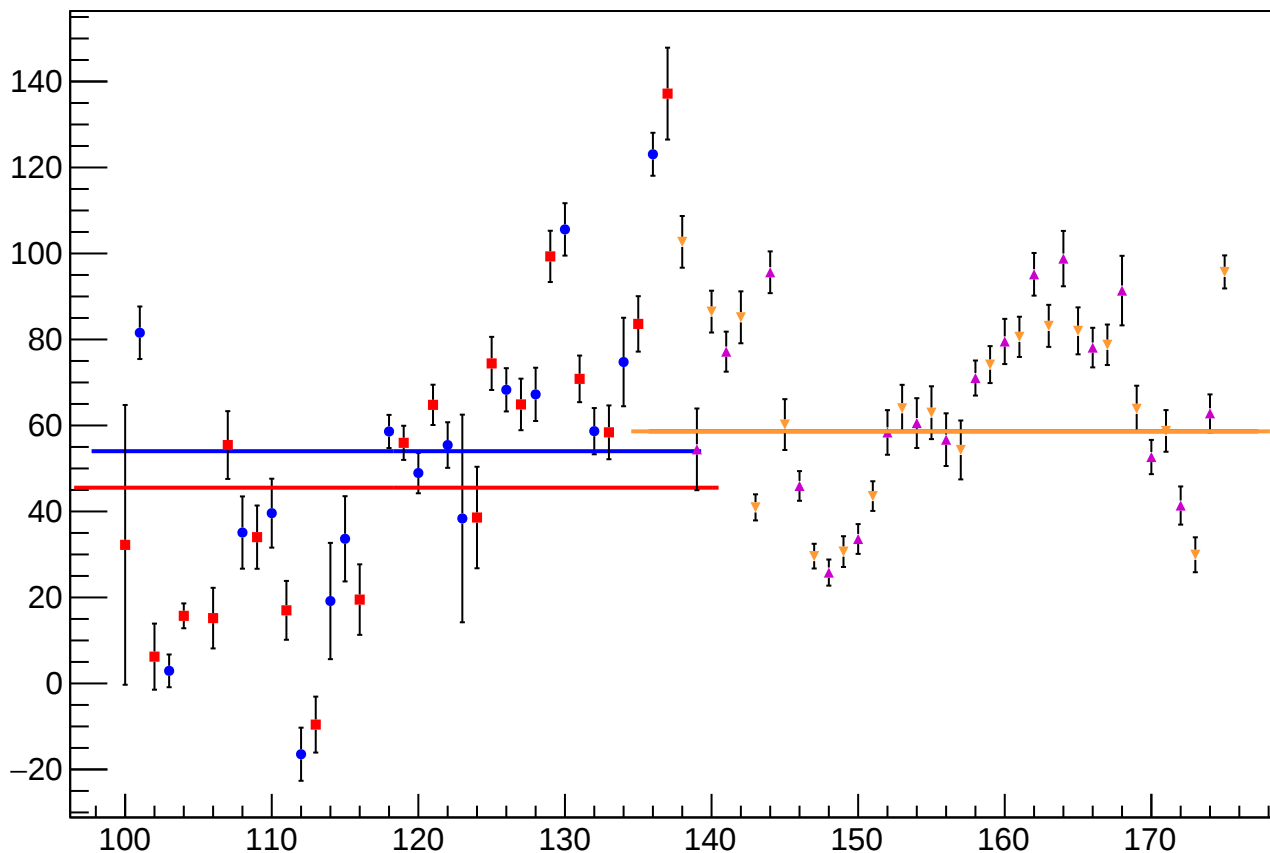
Right: 264.408+/-1.509 χ^2/NDF : 11578.5/35

In: 263.094+/-1.111 χ^2/NDF : 6193.2/34

Out: 241.814+/-1.034 χ^2/NDF : 8999.4/38

All: 251.694+/-0.757 χ^2/NDF : 15389.2/73

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 ± 1.423 χ^2/NDF : 632.9/16

Left Out: 58.632 ± 0.988 χ^2/NDF : 564.8/19

Right Out: 45.529 ± 1.357 χ^2/NDF : 526.8/18

Left In: 58.632 ± 1.079 χ^2/NDF : 427.9/17

Left: 58.632 ± 0.729 χ^2/NDF : 992.6/37

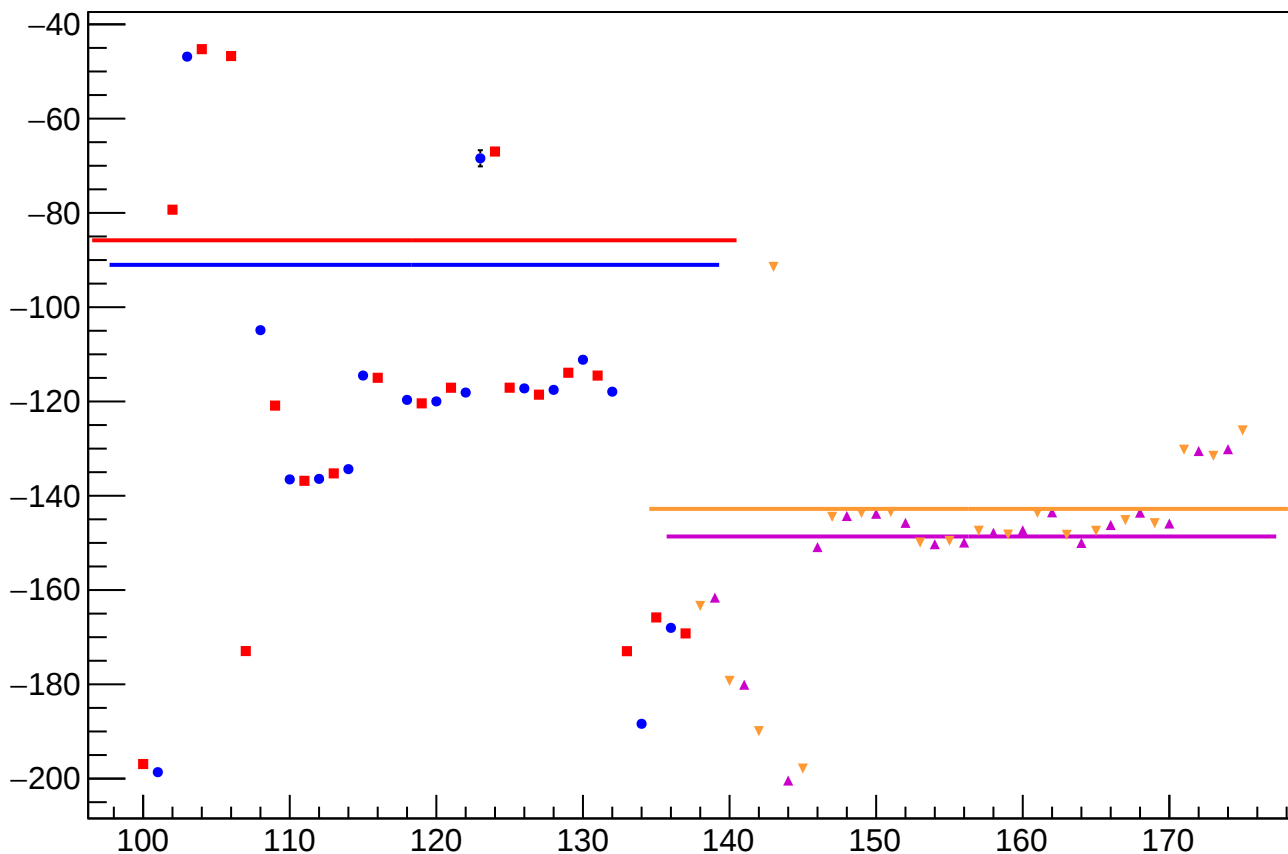
Right: 49.571 ± 0.982 χ^2/NDF : 1178.3/35

In: 56.946 ± 0.860 χ^2/NDF : 1067.4/34

Out: 54.096 ± 0.799 χ^2/NDF : 1152.5/38

All: 55.416 ± 0.585 χ^2/NDF : 2225.8/73

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 χ^2/NDF : 534258.1/16

Left Out: -142.786 ± 0.048 χ^2/NDF : 224755.6/19

Right Out: -85.811 ± 0.065 χ^2/NDF : 495868.7/18

Left In: -148.638 ± 0.051 χ^2/NDF : 80498.3/17

Left: -145.561 ± 0.035 χ^2/NDF : 312279.4/37

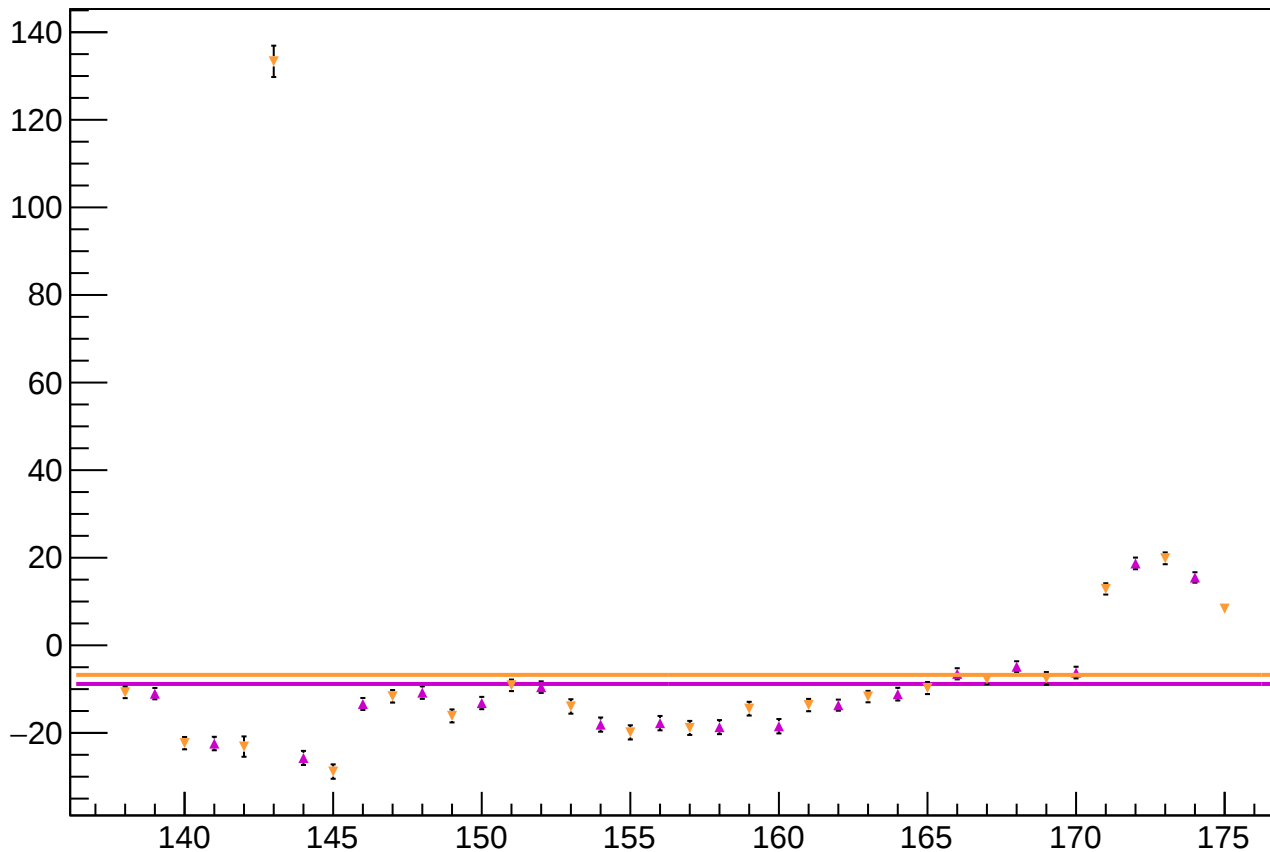
Right: -88.315 ± 0.047 χ^2/NDF : 1033213.2/35

In: -127.929 ± 0.041 χ^2/NDF : 1080352.8/34

Out: -122.641 ± 0.039 χ^2/NDF : 1216981.2/38

All: -125.161 ± 0.028 χ^2/NDF : 2306250.0/73

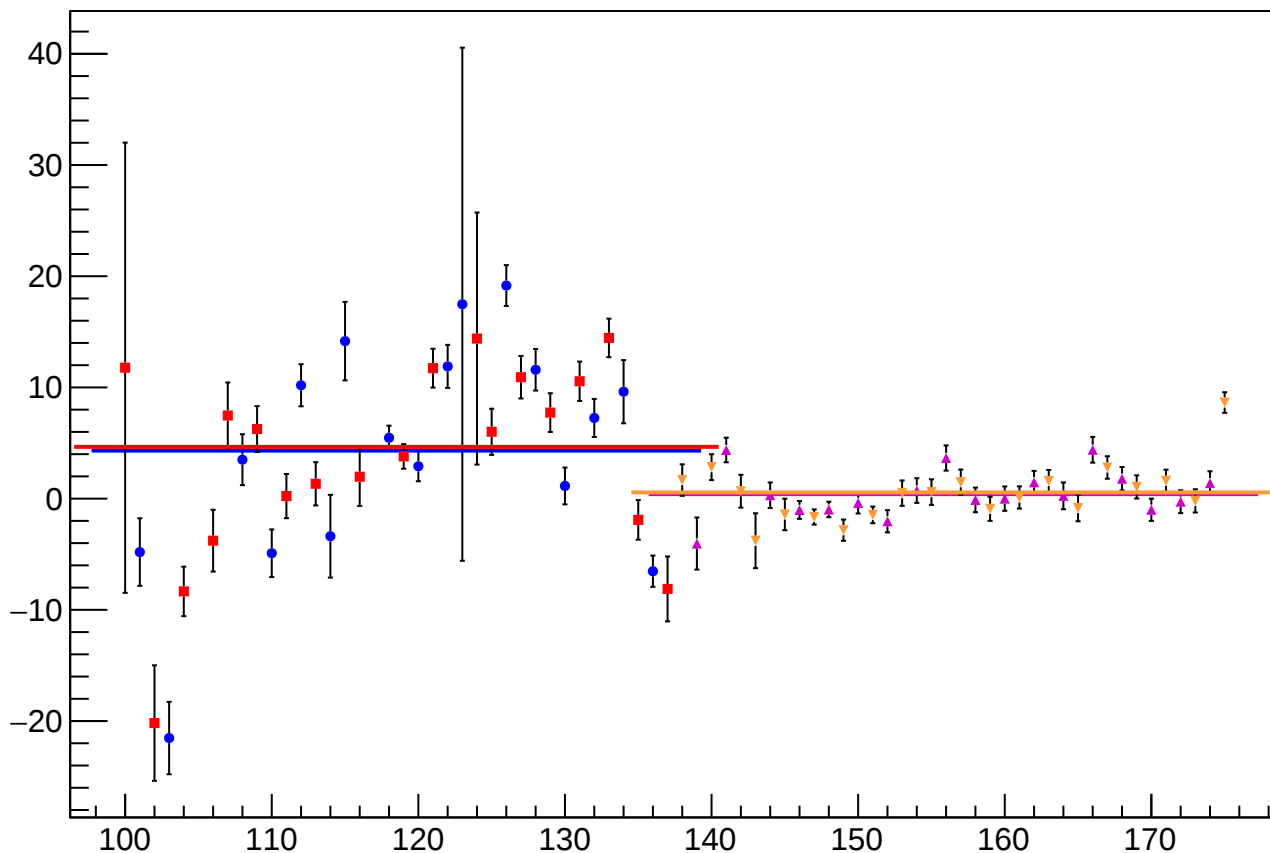
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.747+/-0.319 χ^2/NDF :3023.7/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.822+/-0.330 χ^2/NDF :1222.4/17

Left: -7.750+/-0.229 χ^2/NDF : 4266.6/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.822+/-0.330 χ^2/NDF :1222.4/17
 Out: -6.747+/-0.319 χ^2/NDF :3023.7/19
 All: -7.750+/-0.229 χ^2/NDF : 4266.6/37

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 0.558 ± 0.234 χ^2/NDF : 128.3/19

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 0.406 ± 0.244 χ^2/NDF : 56.8/17

Left: 0.485 ± 0.169 χ^2/NDF : 185.4/37

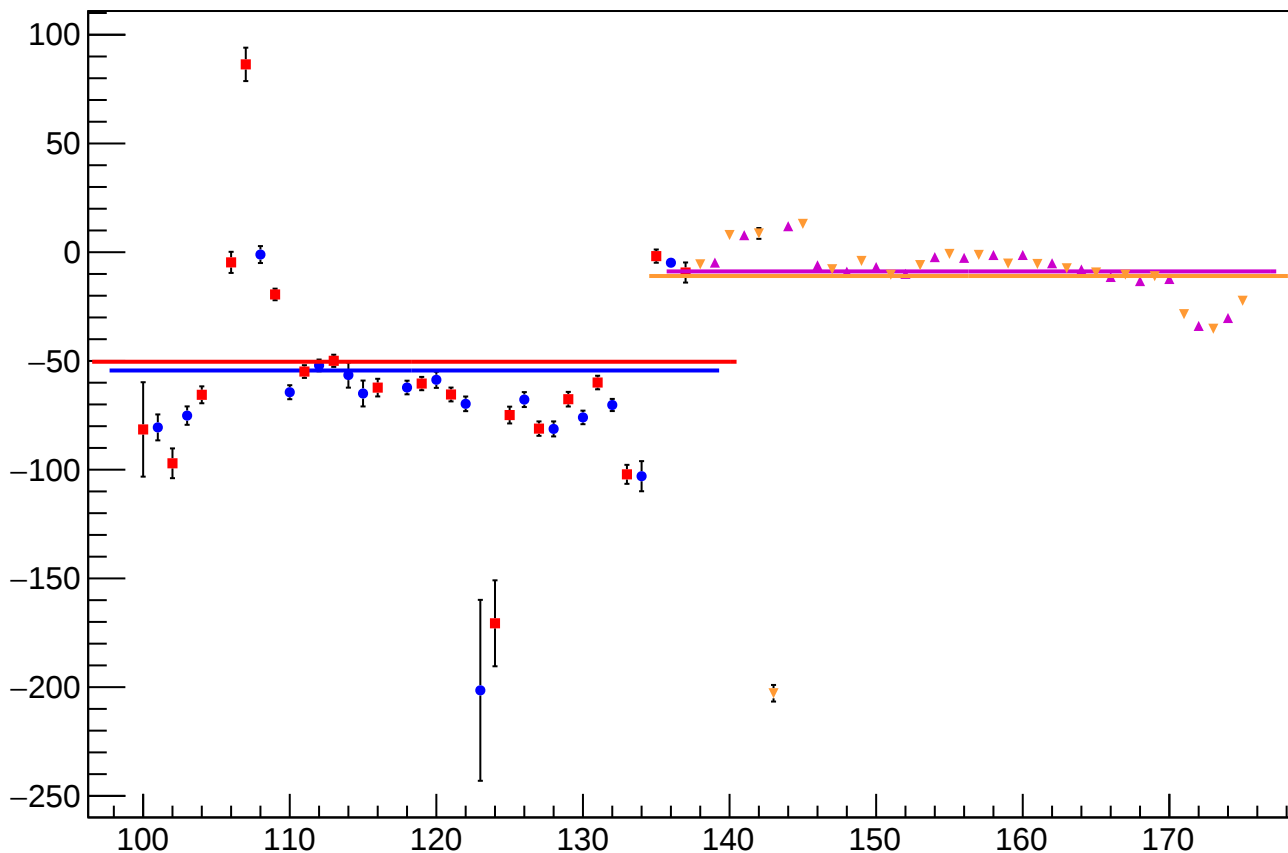
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 1.249 ± 0.216 χ^2/NDF : 392.7/34

Out: 1.361 ± 0.210 χ^2/NDF : 373.0/38

All: 1.307 ± 0.150 χ^2/NDF : 765.9/73

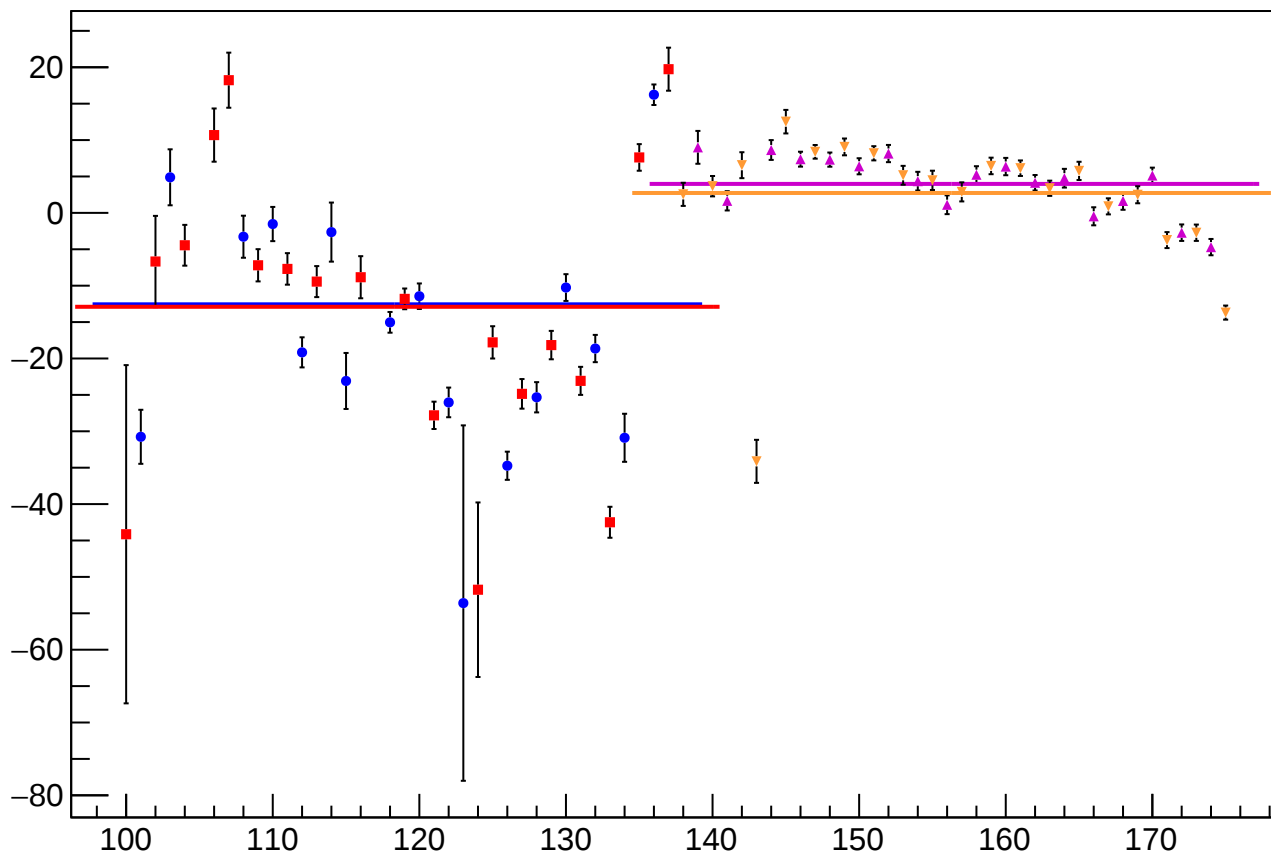
reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16
 Left Out: -10.945 $\pm$ 0.315 χ^2 /NDF: 3743.2/19
 Right Out: -50.364 $\pm$ 0.858 χ^2 /NDF: 1321.3/18
 Left In: -8.819 $\pm$ 0.326 χ^2 /NDF: 995.7/17

Left: -9.919 $\pm$ 0.227 χ^2 /NDF: 4760.9/37
 Right: -52.360 $\pm$ 0.609 χ^2 /NDF: 2346.2/35
 In: -14.497 $\pm$ 0.305 χ^2 /NDF: 4442.0/34
 Out: -15.636 $\pm$ 0.296 χ^2 /NDF: 6925.7/38
 All: -15.084 $\pm$ 0.212 χ^2 /NDF: 11374.9/73

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 2.734 ± 0.269 χ^2/NDF : 677.1/19

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 3.979 ± 0.280 χ^2/NDF : 183.0/17

Left: 3.330 ± 0.194 χ^2/NDF : 870.4/37

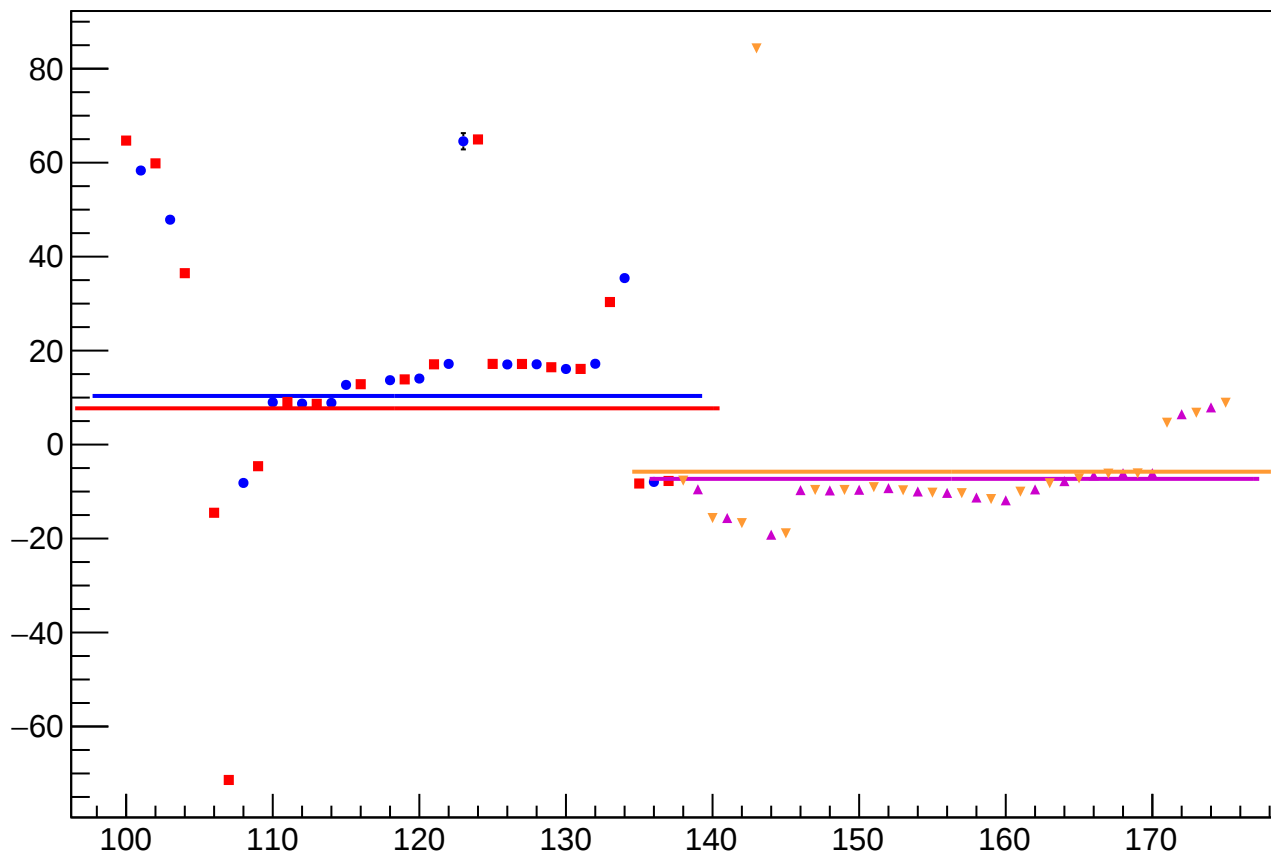
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.383 ± 0.248 χ^2/NDF : 1720.5/34

Out: -0.384 ± 0.240 χ^2/NDF : 2081.0/38

All: -0.012 ± 0.173 χ^2/NDF : 3806.5/73

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -5.771+/-0.012 χ^2/NDF : 685059.3/19

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -7.297+/-0.013 χ^2/NDF : 255595.9/17

Left: -6.524+/-0.009 χ^2/NDF : 948072.7/37

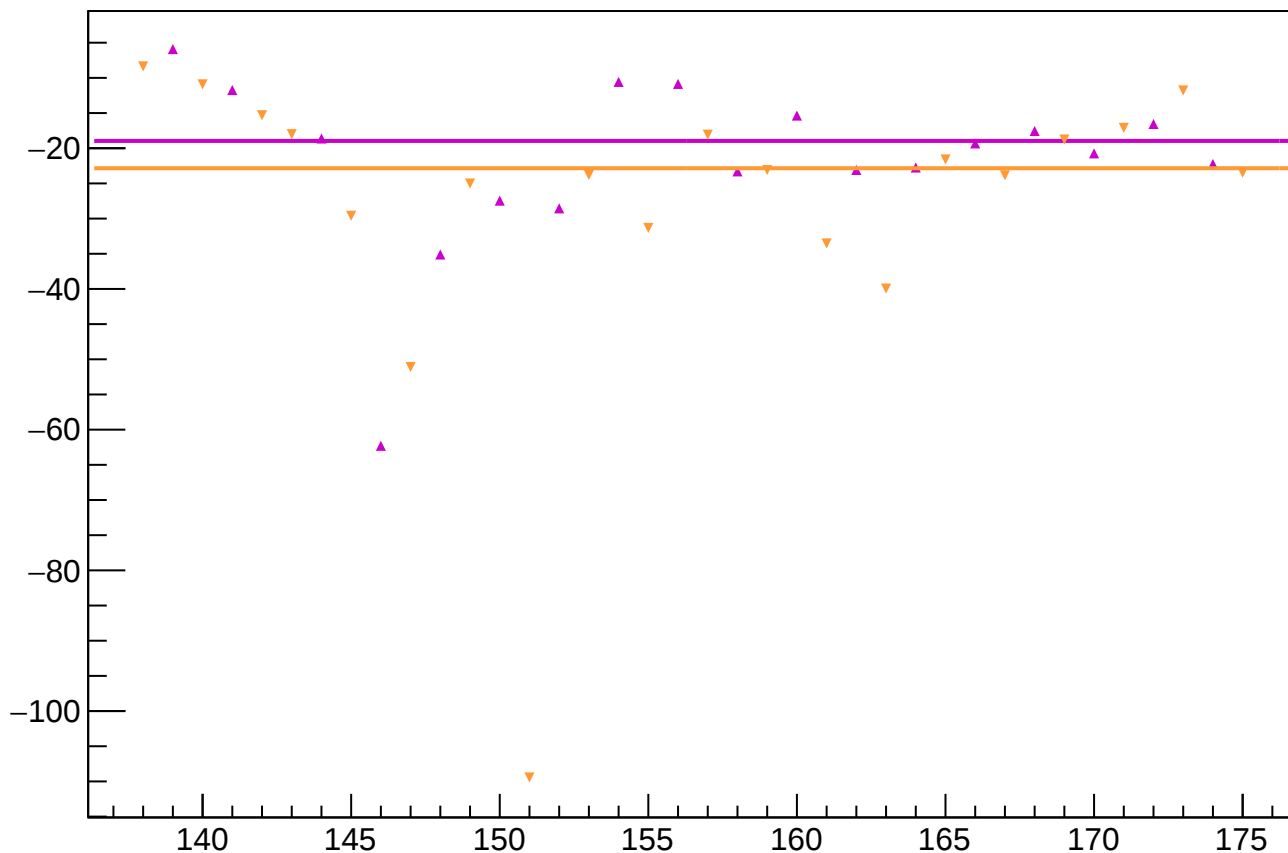
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -4.730+/-0.012 χ^2/NDF : 921060.0/34

Out: -3.927+/-0.012 χ^2/NDF : 1390725.6/38

All: -4.325+/-0.008 χ^2/NDF : 2314180.3/73

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.844+/-0.051 χ^2/NDF :62466.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.961+/-0.048 χ^2/NDF :38384.5/17

Left: -20.762+/-0.035 χ^2/NDF : 103922.9/37

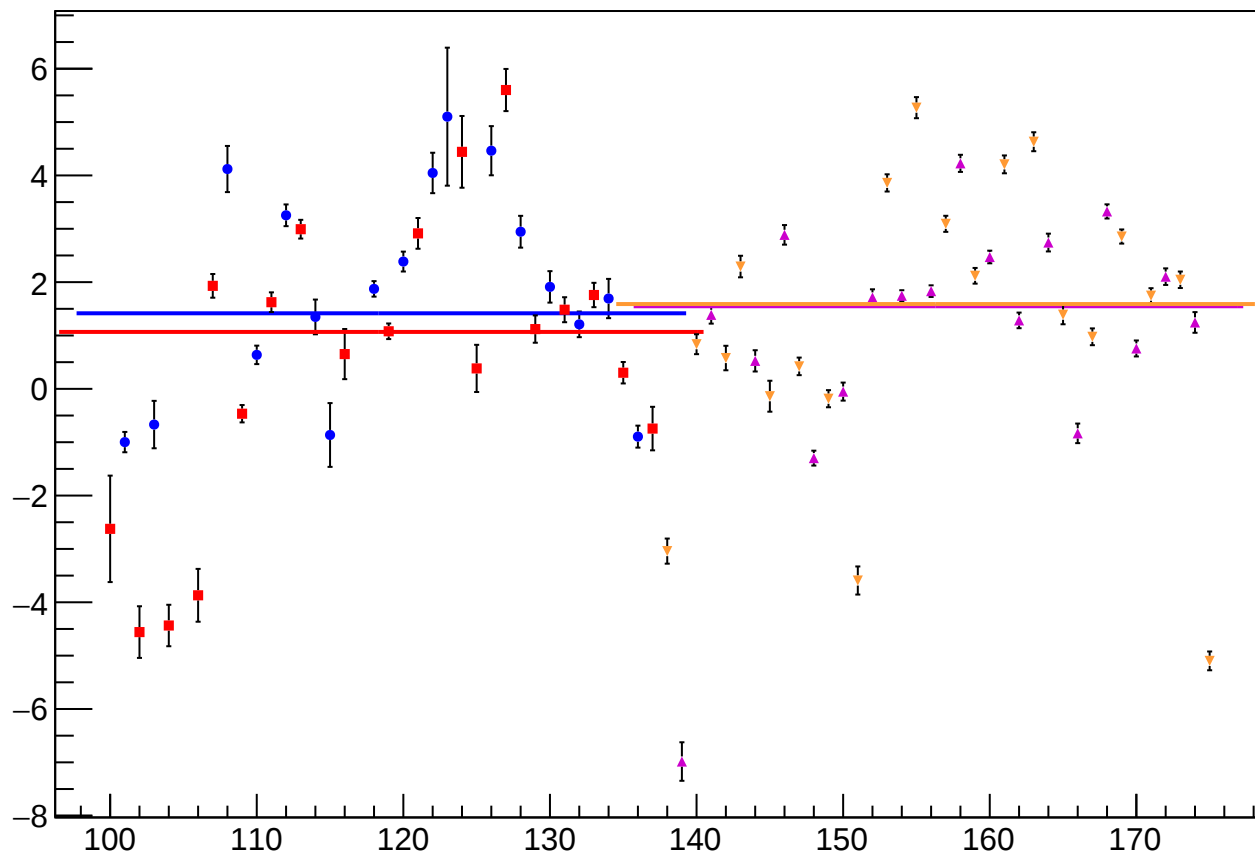
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.961+/-0.048 χ^2/NDF :38384.5/17

Out: -22.844+/-0.051 χ^2/NDF :62466.6/19

All: -20.762+/-0.035 χ^2/NDF : 103922.9/37

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.589 $\pm$ 0.039 χ^2 /NDF:3785.4/19

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.548 $\pm$ 0.035 χ^2 /NDF:1940.0/17

Left: 1.567 $\pm$ 0.026 χ^2 /NDF: 5726.0/37

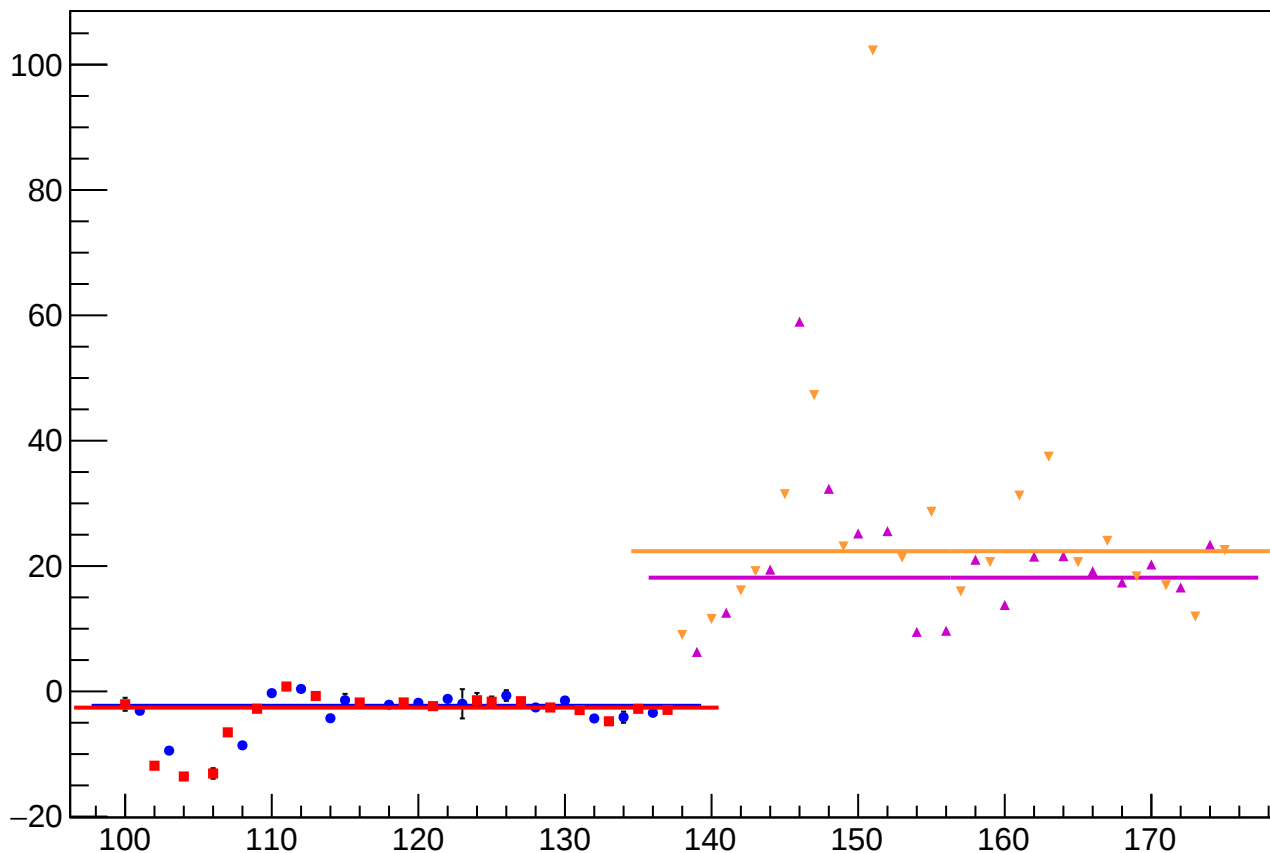
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.515 $\pm$ 0.031 χ^2 /NDF:2574.7/34

Out: 1.429 $\pm$ 0.032 χ^2 /NDF:4771.3/38

All: 1.474 $\pm$ 0.022 χ^2 /NDF: 7349.7/73

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 22.369 ± 0.051 $\chi^2/\text{NDF}: 55651.2/19$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 18.146 ± 0.047 $\chi^2/\text{NDF}: 36447.7/17$

Left: 20.077 ± 0.034 $\chi^2/\text{NDF}: 95841.4/37$

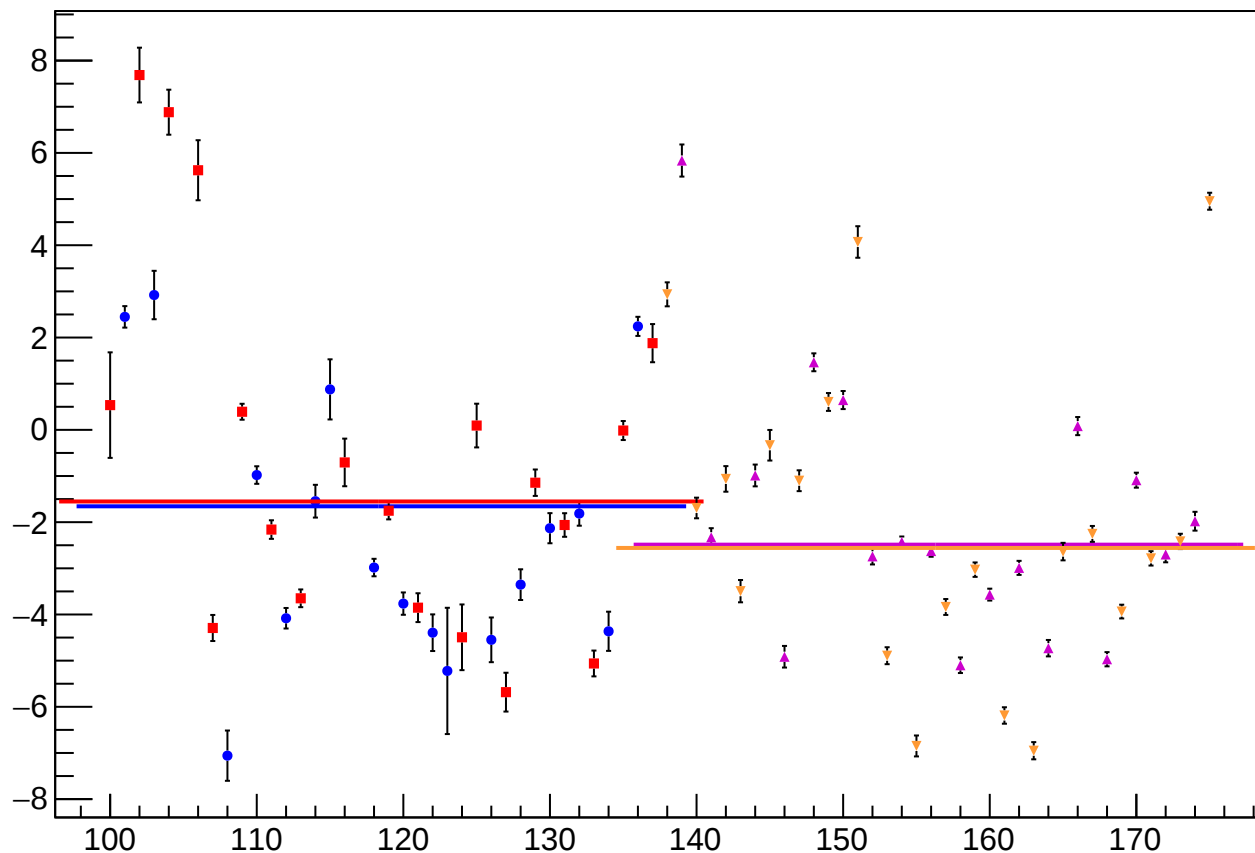
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 15.065 ± 0.043 $\chi^2/\text{NDF}: 65786.0/34$

Out: 17.144 ± 0.045 $\chi^2/\text{NDF}: 106972.9/38$

All: 16.053 ± 0.031 $\chi^2/\text{NDF}: 173868.5/73$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -2.558 ± 0.044 $\chi^2/\text{NDF}: 4550.4/19$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -2.487 ± 0.040 $\chi^2/\text{NDF}: 2387.5/17$

Left: -2.520 ± 0.029 $\chi^2/\text{NDF}: 6939.3/37$

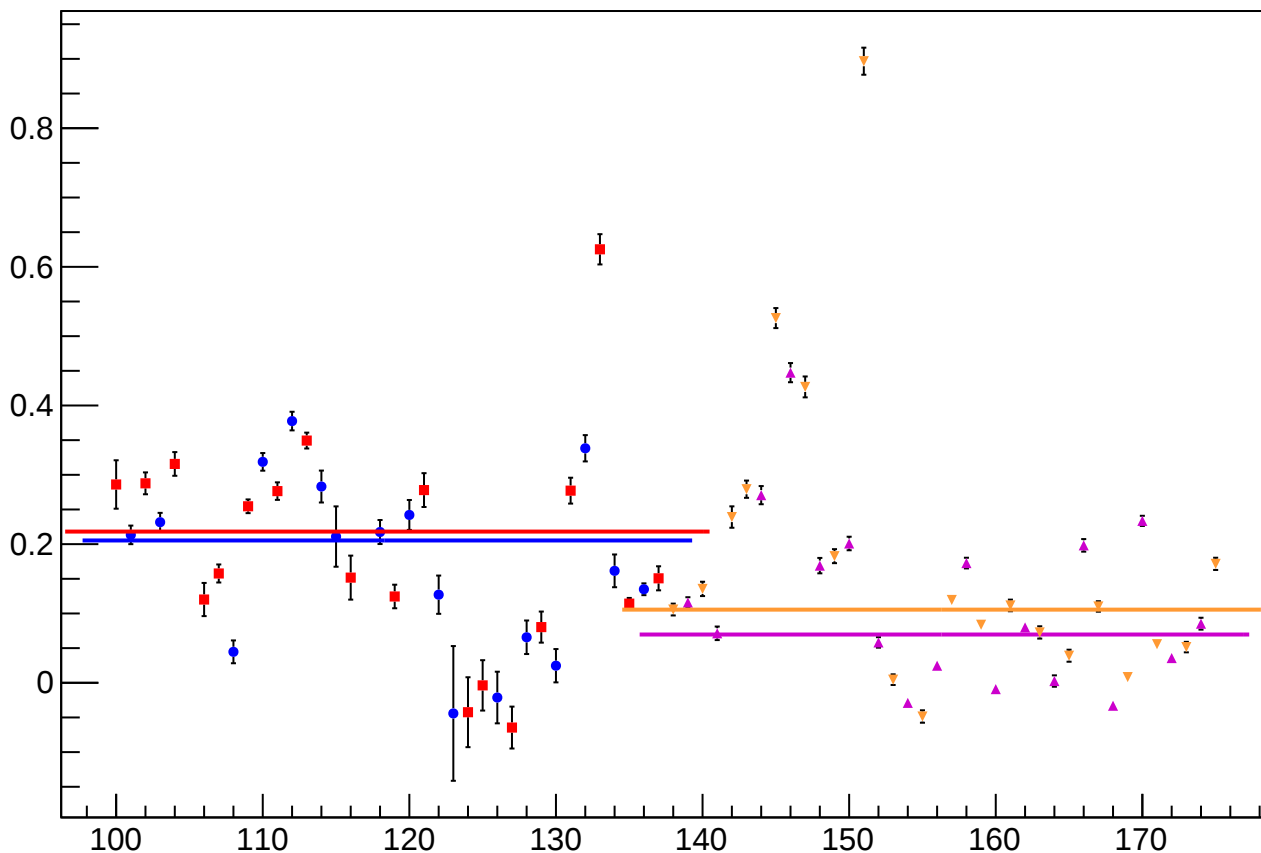
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -2.285 ± 0.035 $\chi^2/\text{NDF}: 3763.8/34$

Out: -2.250 ± 0.036 $\chi^2/\text{NDF}: 6201.9/38$

All: -2.268 ± 0.025 $\chi^2/\text{NDF}: 9966.1/73$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.106 $\pm$ 0.002 χ^2 /NDF: 4206.3/19

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.070 $\pm$ 0.002 χ^2 /NDF: 3211.5/17

Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 7605.5/37

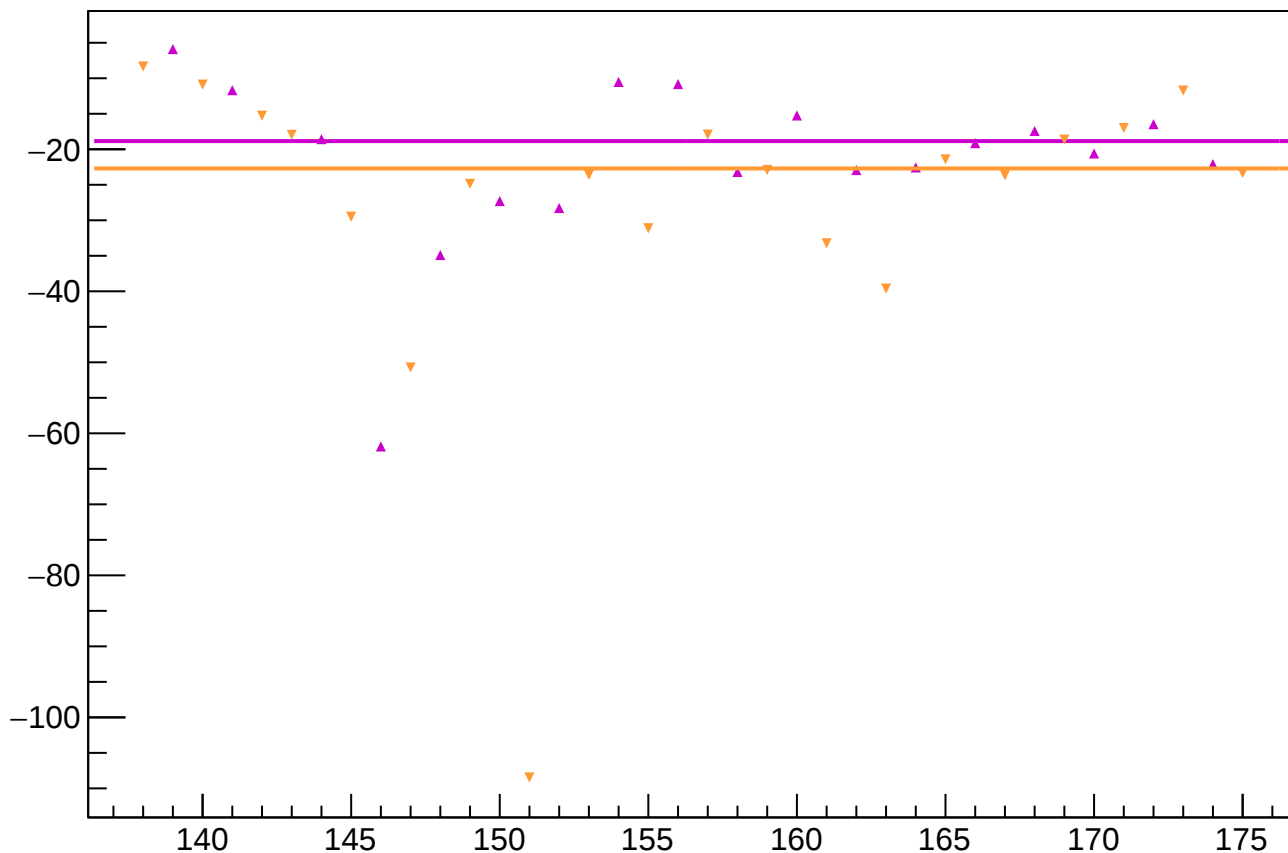
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4745.4/34

Out: 0.130 $\pm$ 0.002 χ^2 /NDF: 5956.1/38

All: 0.109 $\pm$ 0.001 χ^2 /NDF: 10993.9/73

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.701+/-0.051 χ^2/NDF :62279.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.849+/-0.047 χ^2/NDF :38294.3/17

Left: -20.636+/-0.035 χ^2/NDF : 103636.1/37

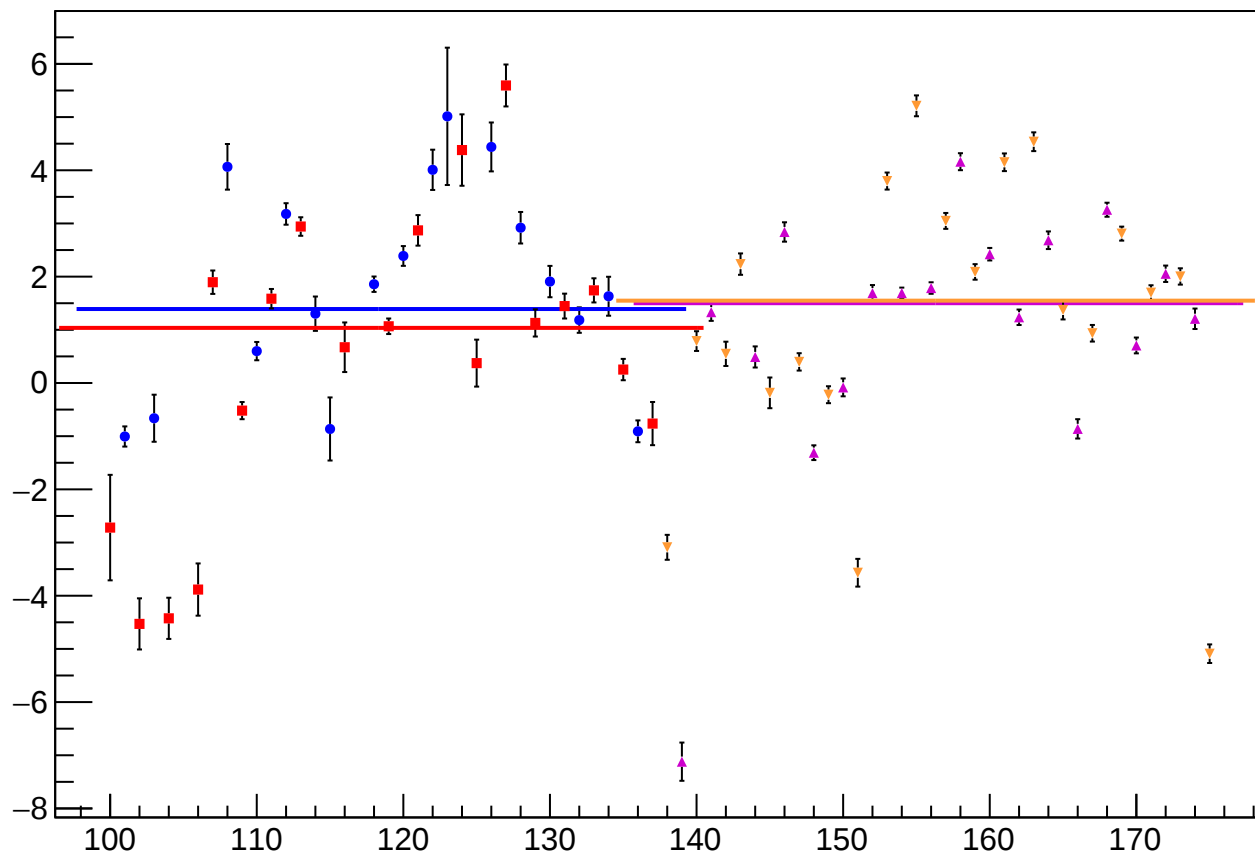
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.849+/-0.047 χ^2/NDF :38294.3/17

Out: -22.701+/-0.051 χ^2/NDF :62279.1/19

All: -20.636+/-0.035 χ^2/NDF : 103636.1/37

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 1.548 $\pm$ 0.038 χ^2 /NDF:3784.3/19

Right Out: 1.036 $\pm$ 0.058 χ^2 /NDF: 934.2/18

Left In: 1.501 $\pm$ 0.035 χ^2 /NDF:1951.1/17

Left: 1.522 $\pm$ 0.026 χ^2 /NDF: 5736.2/37

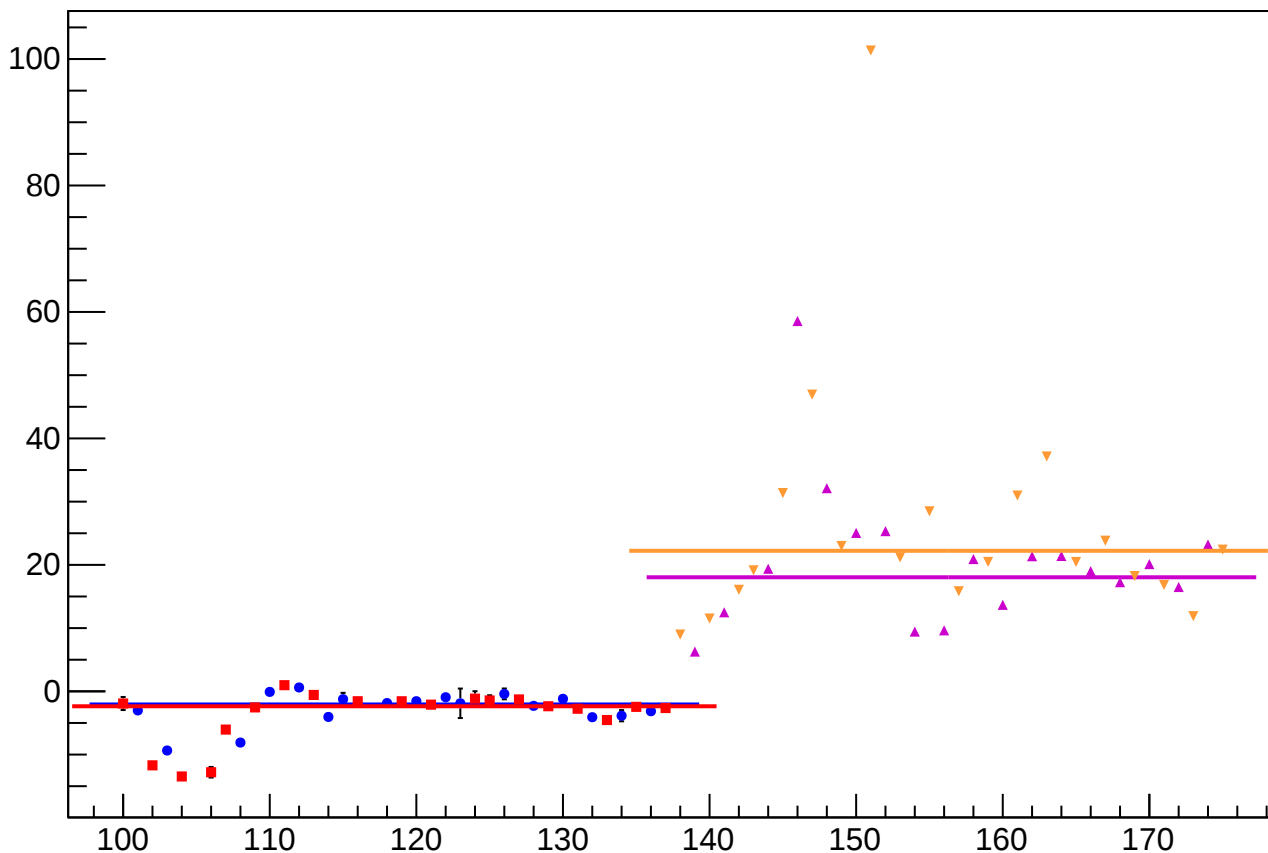
Right: 1.204 $\pm$ 0.042 χ^2 /NDF: 1581.2/35

In: 1.473 $\pm$ 0.030 χ^2 /NDF:2582.7/34

Out: 1.391 $\pm$ 0.032 χ^2 /NDF:4772.8/38

All: 1.434 $\pm$ 0.022 χ^2 /NDF: 7358.9/73

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.227 ± 0.051 χ^2/NDF : 55504.3/19

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 18.039 ± 0.046 χ^2/NDF : 36368.7/17

Left: 19.955 ± 0.034 χ^2/NDF : 95601.1/37

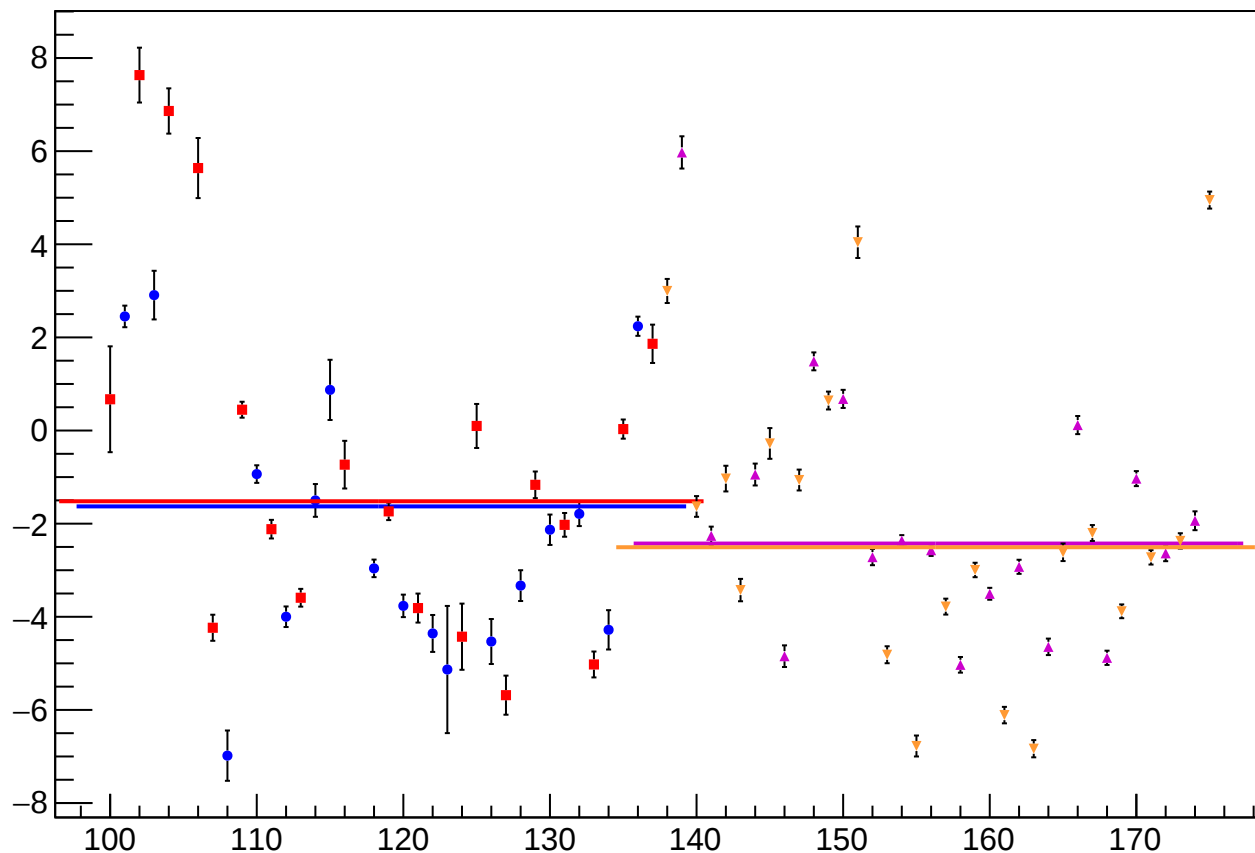
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 15.015 ± 0.043 χ^2/NDF : 65074.9/34

Out: 17.090 ± 0.045 χ^2/NDF : 105901.1/38

All: 16.001 ± 0.031 χ^2/NDF : 172094.7/73

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.506 ± 0.043 χ^2/NDF : 4547.5/19

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.427 ± 0.040 χ^2/NDF : 2399.0/17

Left: -2.463 ± 0.029 χ^2/NDF : 6948.3/37

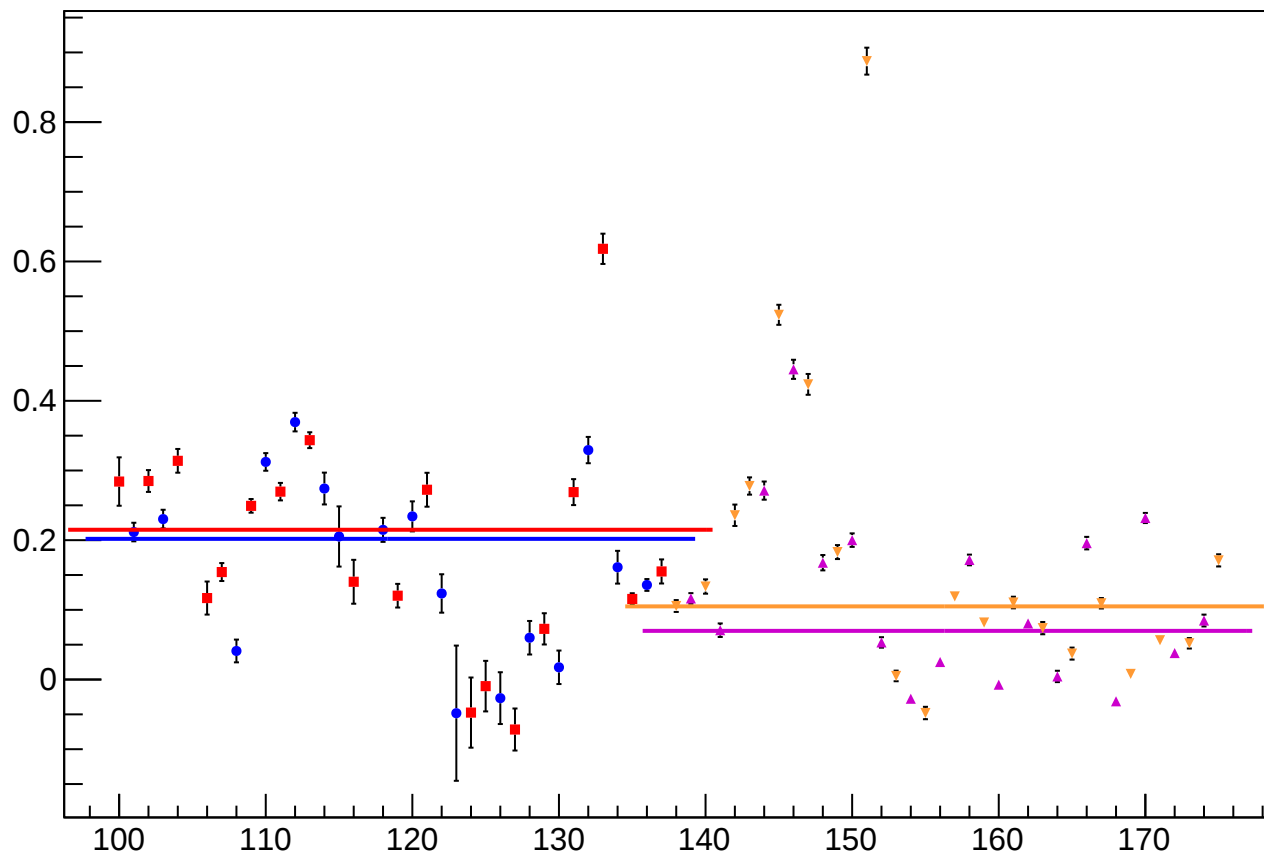
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.233 ± 0.035 χ^2/NDF : 3763.4/34

Out: -2.205 ± 0.036 χ^2/NDF : 6198.3/38

All: -2.220 ± 0.025 χ^2/NDF : 9962.0/73

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.105 $\pm$ 0.002 χ^2 /NDF: 4198.2/19

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.070 $\pm$ 0.002 χ^2 /NDF: 3184.8/17

Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 7565.4/37

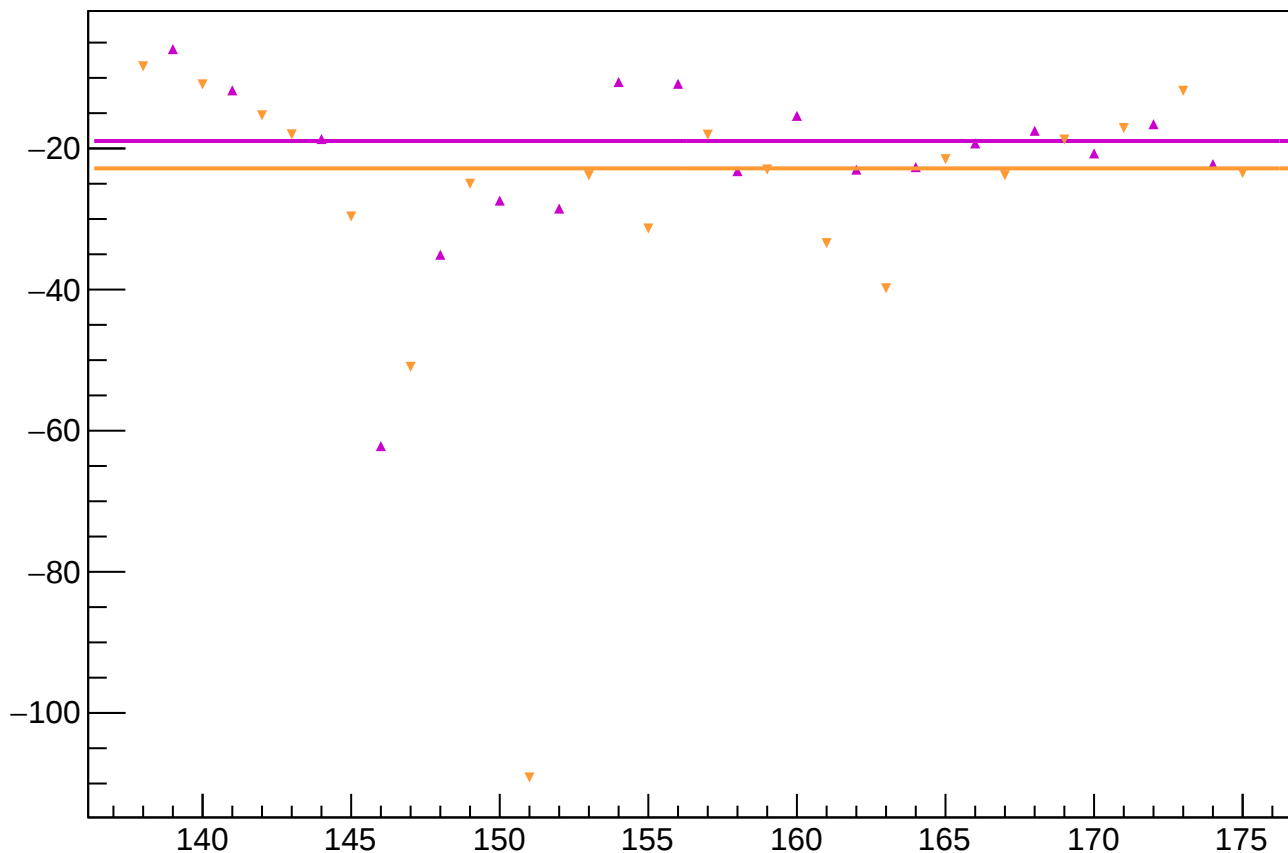
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4663.7/34

Out: 0.129 $\pm$ 0.002 χ^2 /NDF: 5904.4/38

All: 0.108 $\pm$ 0.001 χ^2 /NDF: 10852.5/73

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.826+/-0.051 χ^2/NDF :62394.2/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.944+/-0.048 χ^2/NDF :38357.0/17

Left: -20.744+/-0.035 χ^2/NDF : 103837.1/37

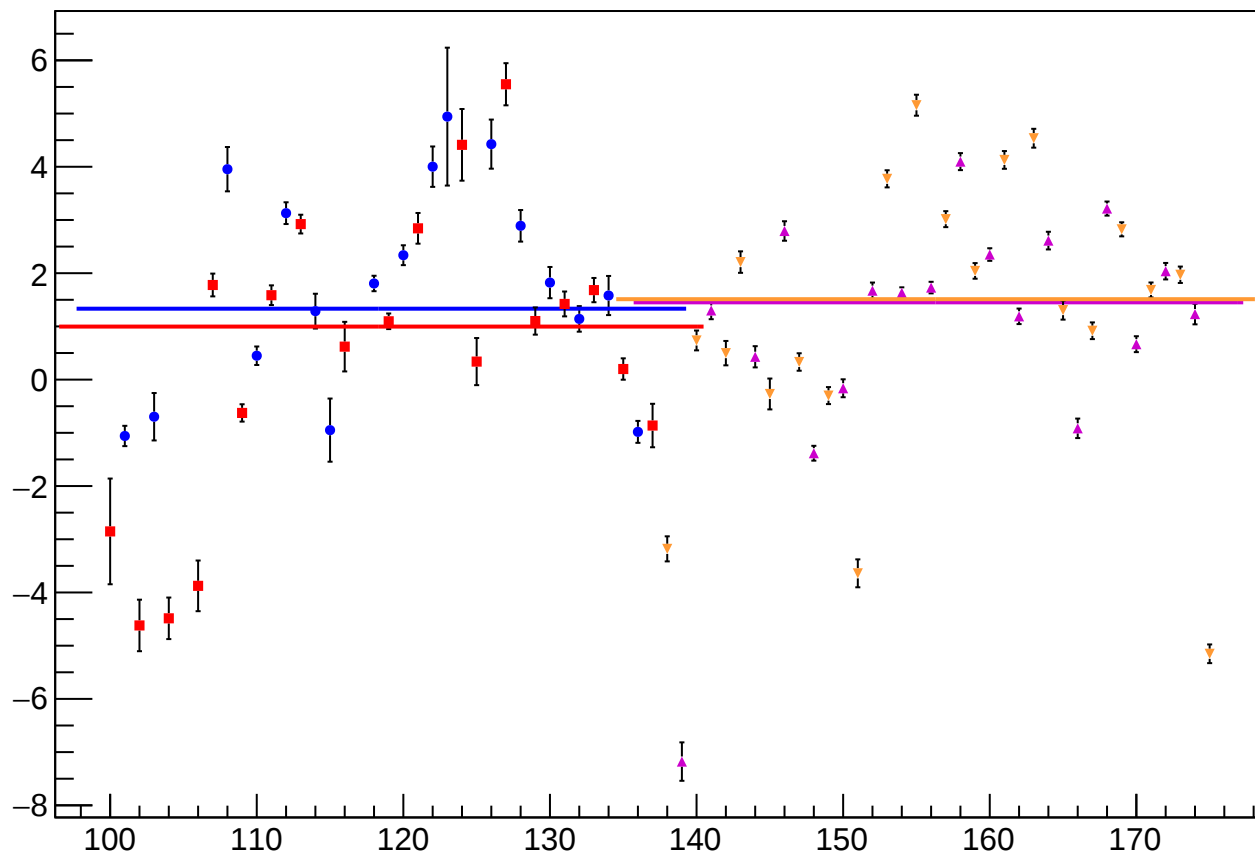
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.944+/-0.048 χ^2/NDF :38357.0/17

Out: -22.826+/-0.051 χ^2/NDF :62394.2/19

All: -20.744+/-0.035 χ^2/NDF : 103837.1/37

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.511 $\pm$ 0.039 χ^2 /NDF:3803.8/19

Right Out: 0.997 $\pm$ 0.058 χ^2 /NDF: 945.3/18

Left In: 1.452 $\pm$ 0.035 χ^2 /NDF:1941.0/17

Left: 1.479 $\pm$ 0.026 χ^2 /NDF: 5746.1/37

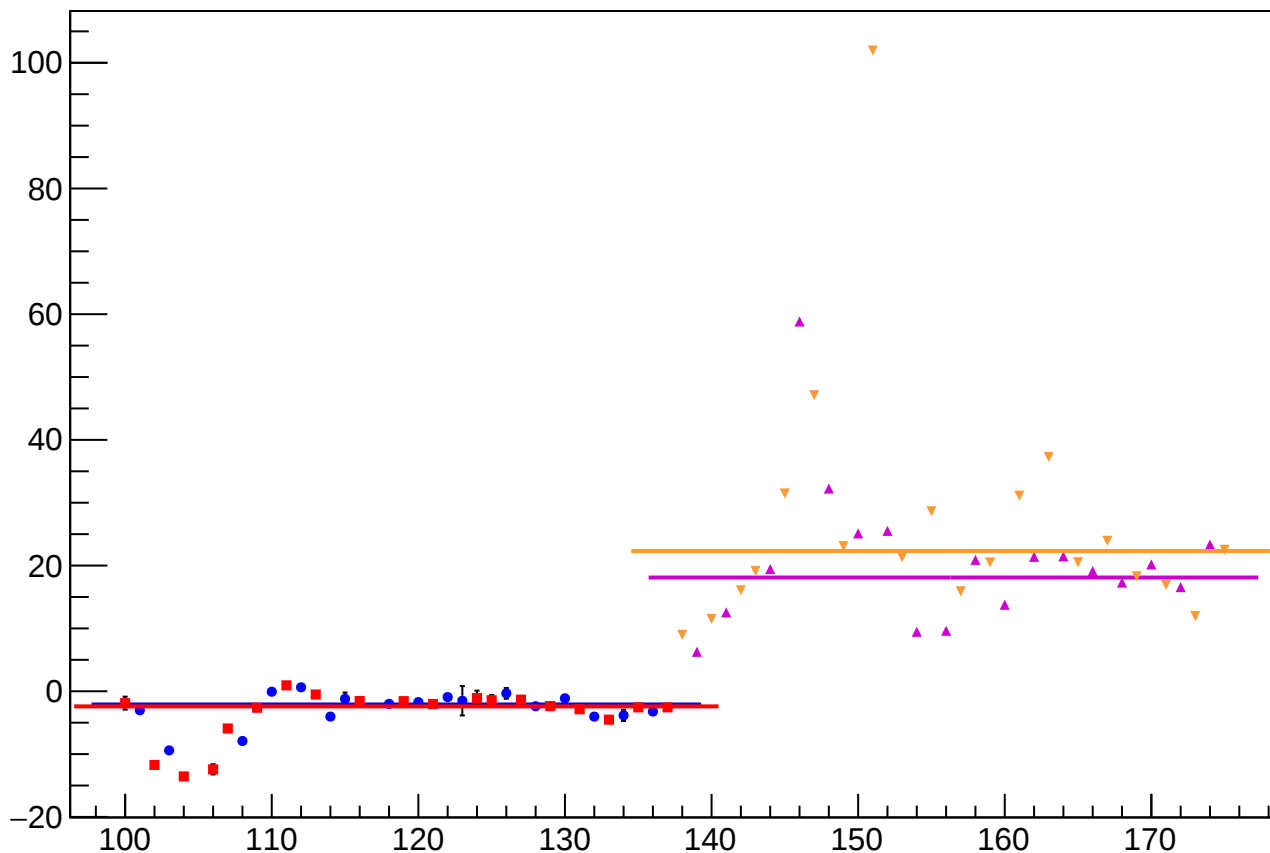
Right: 1.156 $\pm$ 0.042 χ^2 /NDF: 1595.8/35

In: 1.422 $\pm$ 0.031 χ^2 /NDF:2578.4/34

Out: 1.353 $\pm$ 0.032 χ^2 /NDF:4803.8/38

All: 1.389 $\pm$ 0.022 χ^2 /NDF: 7384.6/73

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 22.317 ± 0.051 χ^2/NDF : 55602.6/19

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 18.095 ± 0.047 χ^2/NDF : 36446.4/17

Left: 20.025 ± 0.034 χ^2/NDF : 95808.4/37

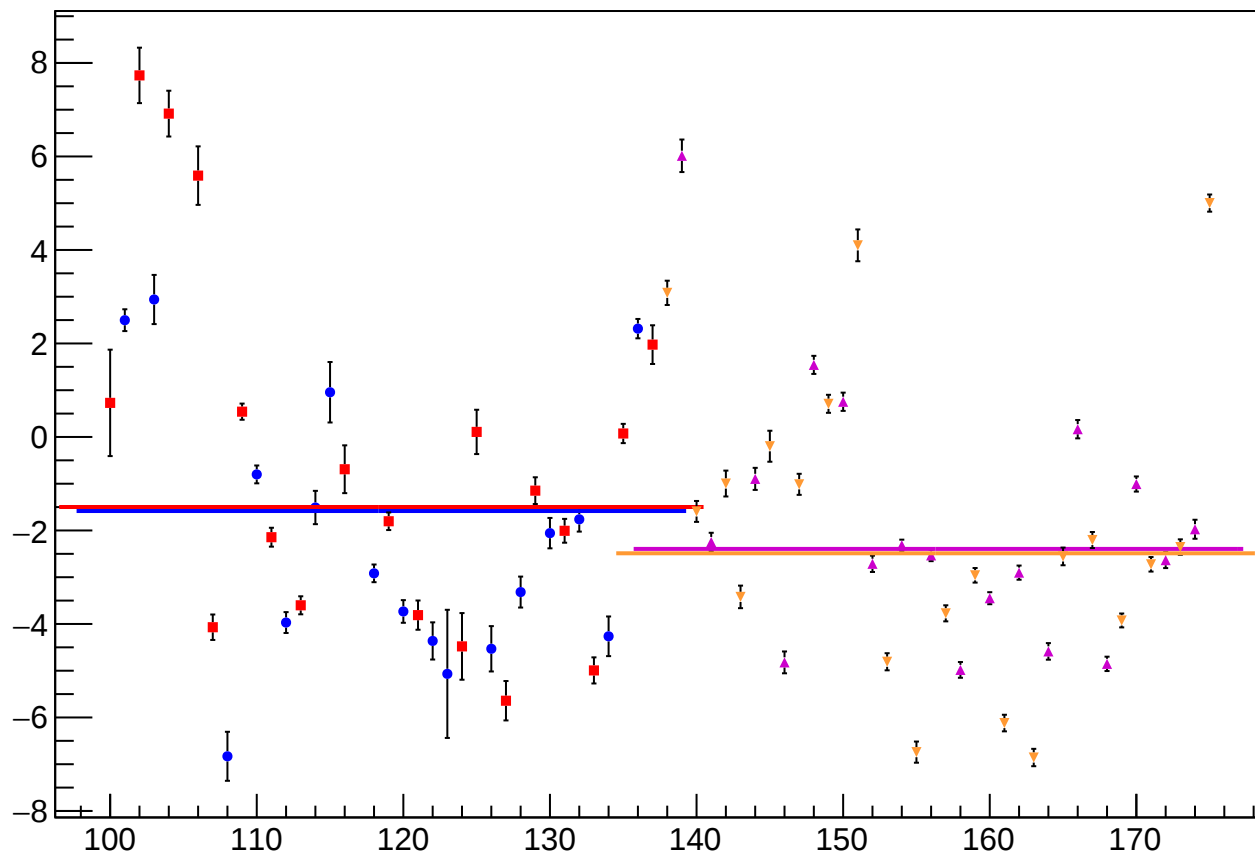
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 15.066 ± 0.043 χ^2/NDF : 65098.2/34

Out: 17.157 ± 0.045 χ^2/NDF : 106055.9/38

All: 16.060 ± 0.031 χ^2/NDF : 172281.3/73

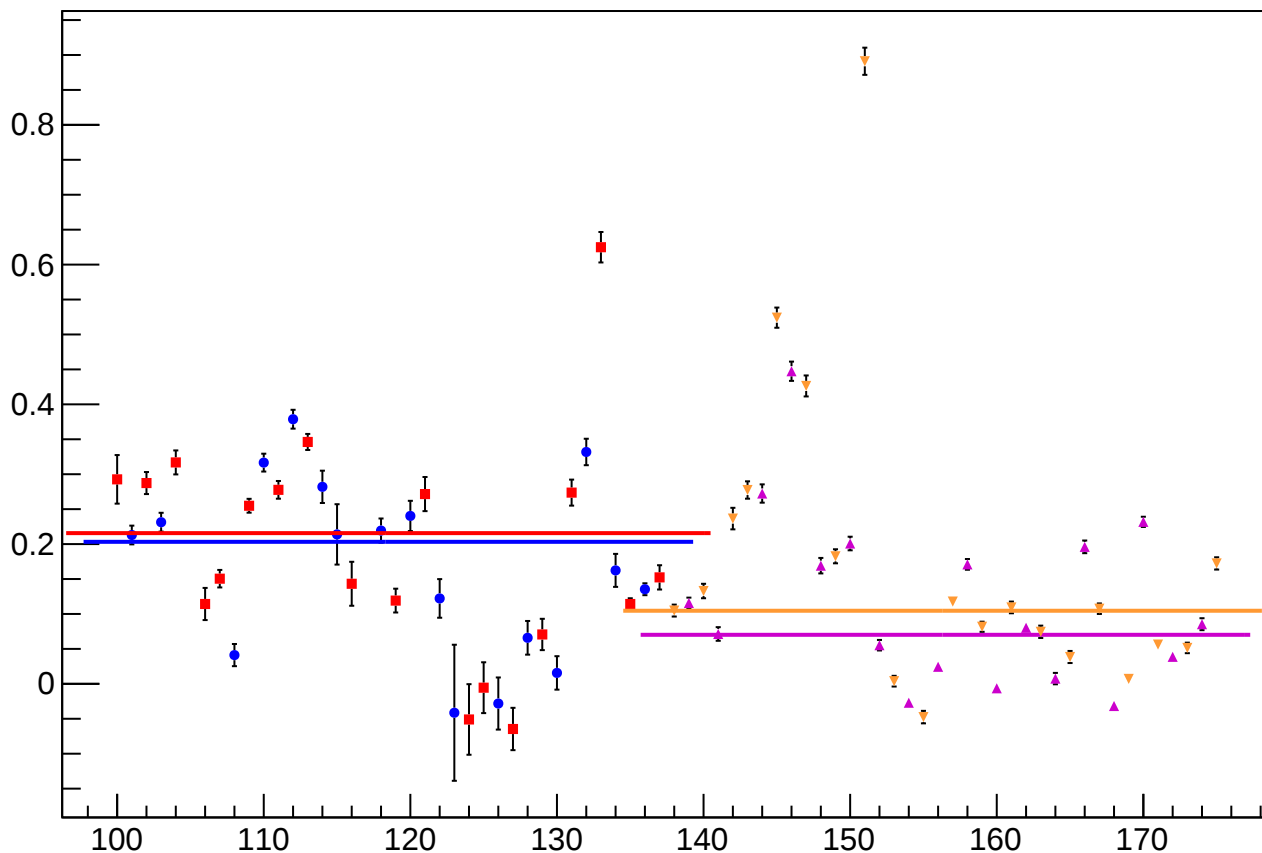
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584±/0.070 χ^2/NDF : 1272.1/16
 Left Out: -2.488±/0.043 χ^2/NDF : 4576.0/19
 Right Out: -1.498±/0.066 χ^2/NDF : 1503.7/18
 Left In: -2.394±/0.040 χ^2/NDF : 2387.2/17

Left: -2.437±/0.029 χ^2/NDF : 6965.7/37
 Right: -1.538±/0.048 χ^2/NDF : 2776.6/35
 In: -2.198±/0.035 χ^2/NDF : 3759.5/34
 Out: -2.186±/0.036 χ^2/NDF : 6238.3/38
 All: -2.192±/0.025 χ^2/NDF : 9997.8/73

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 7525.8/37

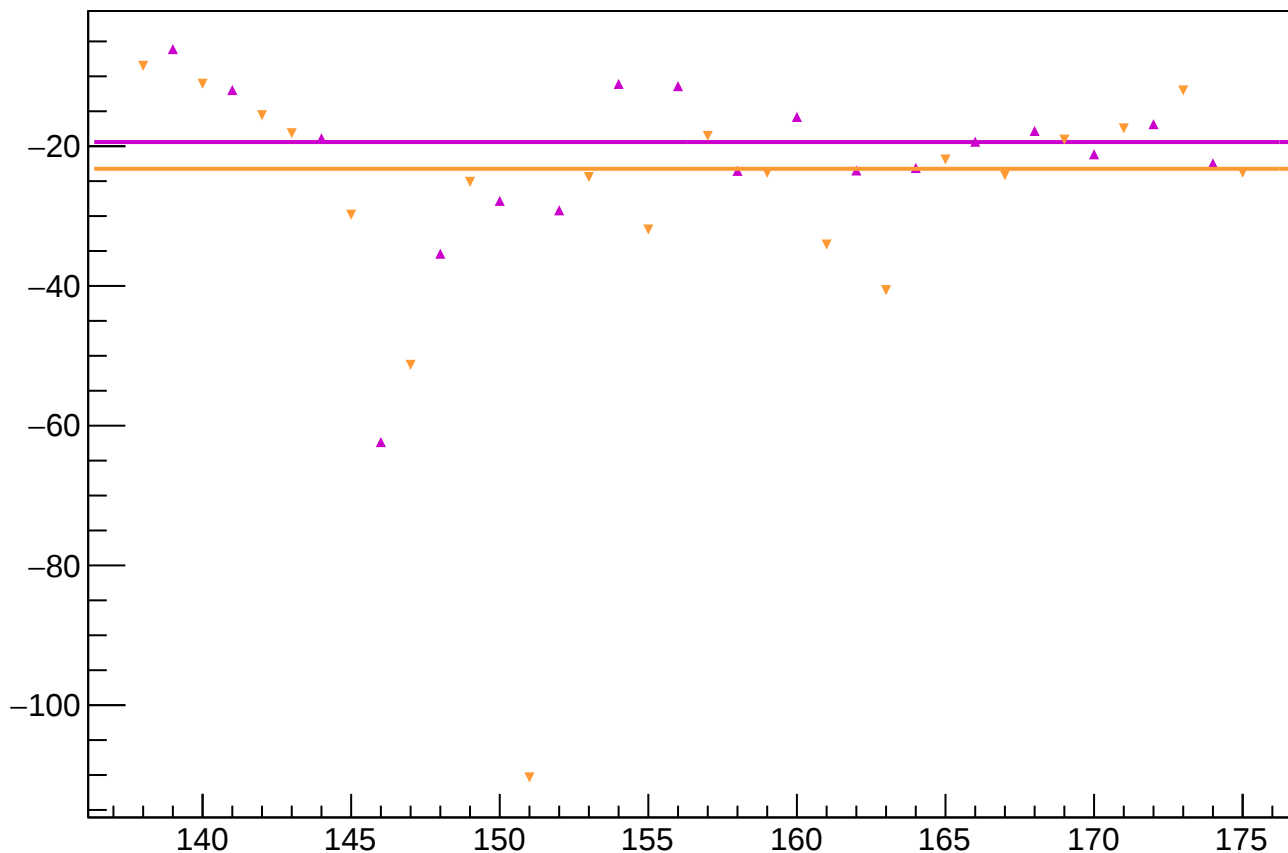
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4677.7/34

Out: 0.129 $\pm$ 0.002 χ^2 /NDF: 5938.2/38

All: 0.108 $\pm$ 0.001 χ^2 /NDF: 10890.7/73

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.231+/-0.052 χ^2/NDF :62244.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.405+/-0.049 χ^2/NDF :37219.9/17

Left: -21.187+/-0.036 χ^2/NDF : 102337.2/37

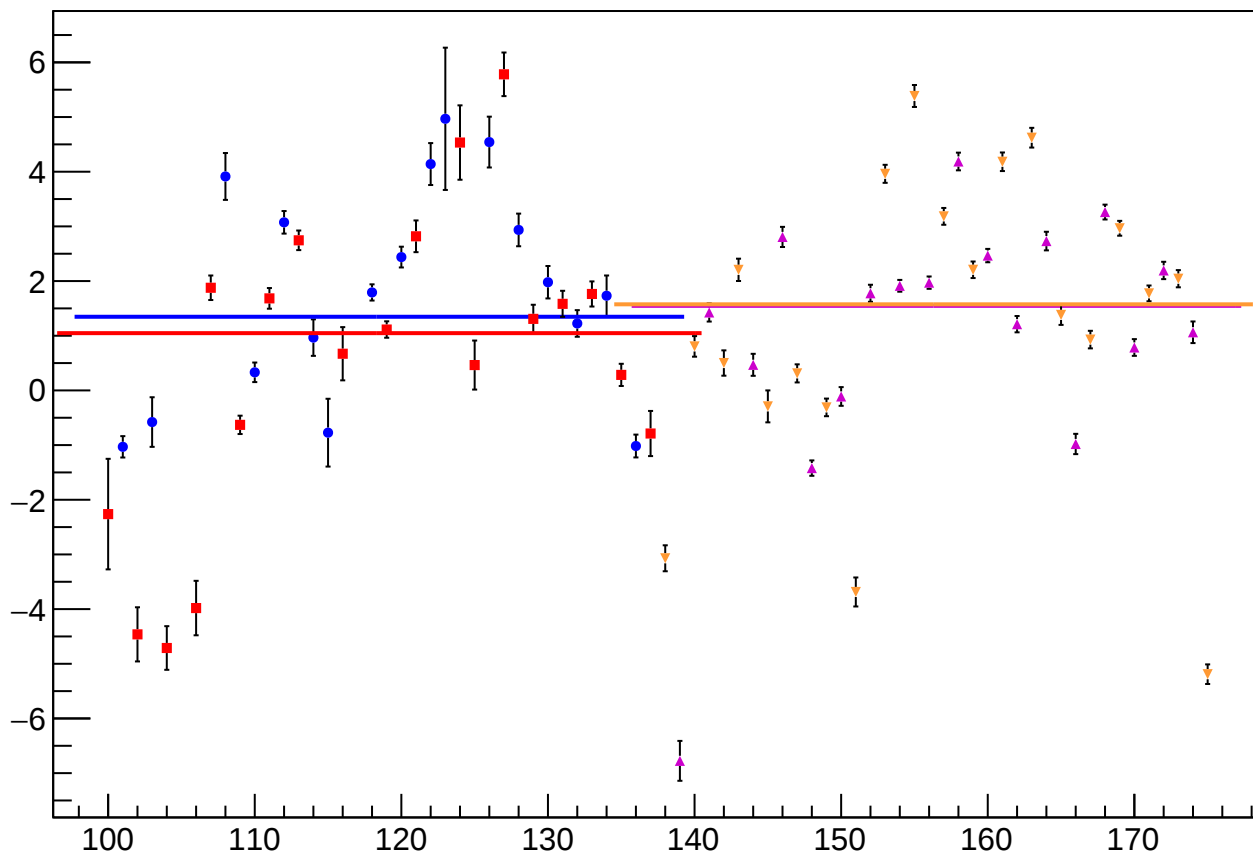
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.405+/-0.049 χ^2/NDF :37219.9/17

Out: -23.231+/-0.052 χ^2/NDF :62244.6/19

All: -21.187+/-0.036 χ^2/NDF : 102337.2/37

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.575 $\pm$ 0.039 χ^2 /NDF:3834.2/19

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.547 $\pm$ 0.036 χ^2 /NDF:1931.3/17

Left: 1.559 $\pm$ 0.027 χ^2 /NDF: 5765.8/37

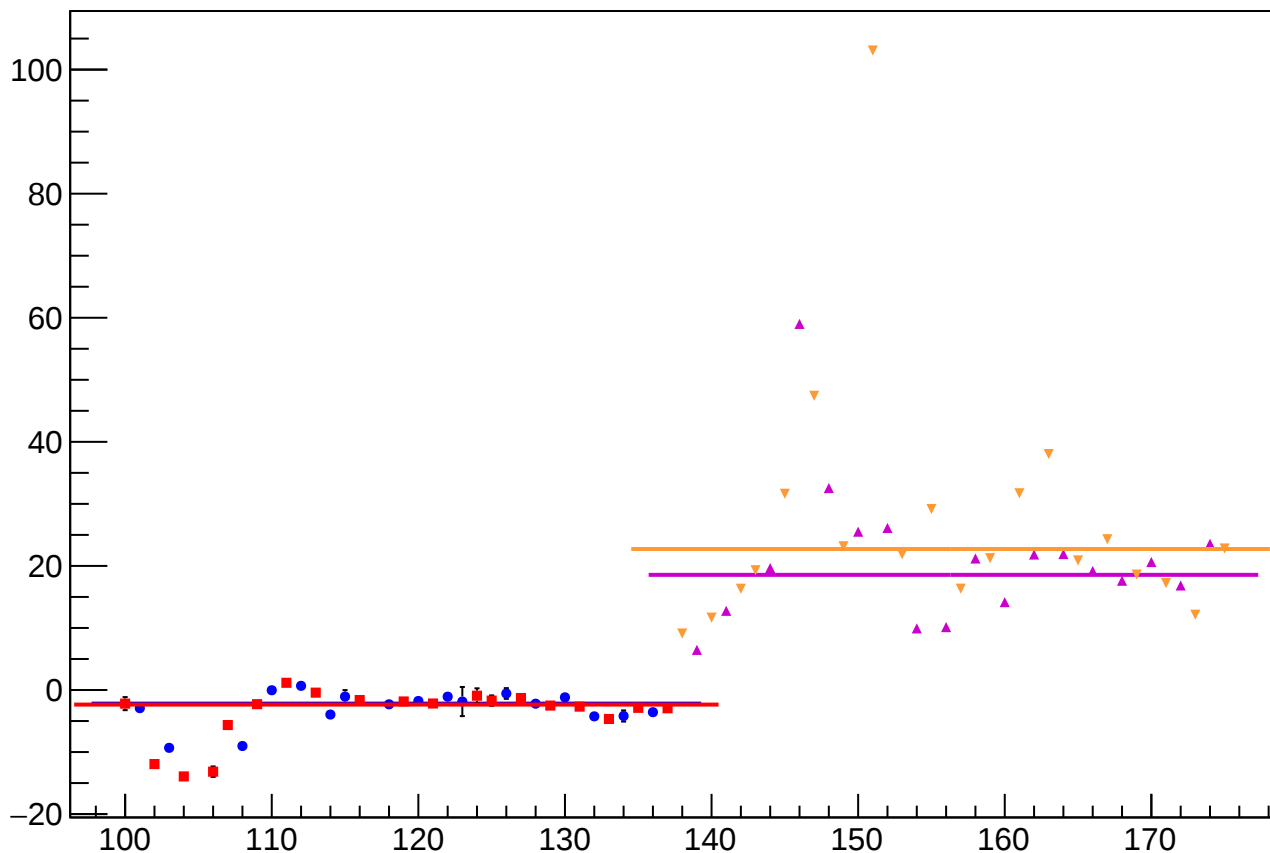
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.496 $\pm$ 0.031 χ^2 /NDF:2569.1/34

Out: 1.413 $\pm$ 0.033 χ^2 /NDF:4805.2/38

All: 1.457 $\pm$ 0.023 χ^2 /NDF: 7377.7/73

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 22.727 ± 0.052 χ^2/NDF : 55346.2/19

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 18.560 ± 0.048 χ^2/NDF : 35151.7/17

Left: 20.475 ± 0.035 χ^2/NDF : 94003.4/37

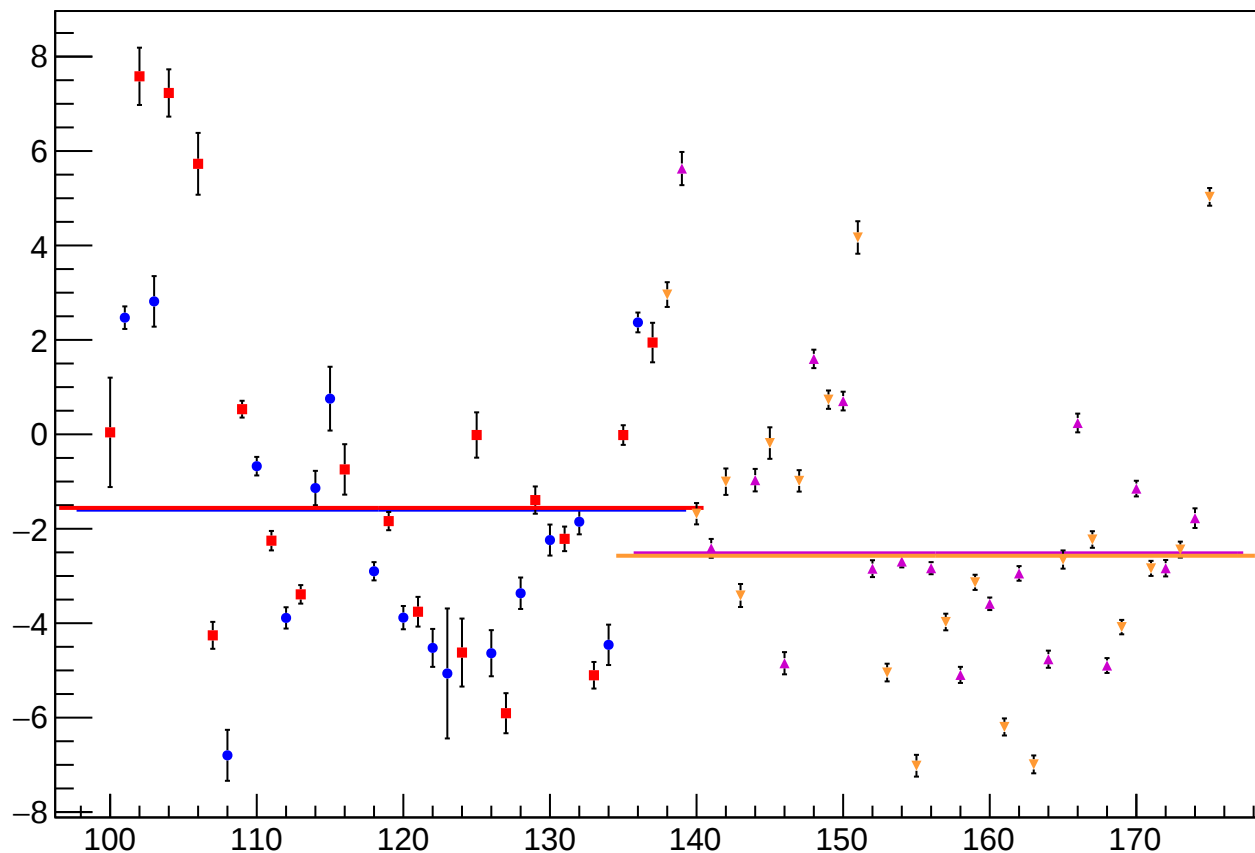
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 15.414 ± 0.044 χ^2/NDF : 64310.0/34

Out: 17.504 ± 0.046 χ^2/NDF : 105177.5/38

All: 16.410 ± 0.032 χ^2/NDF : 170566.2/73

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.571 ± 0.044 χ^2/NDF : 4598.6/19

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.520 ± 0.041 χ^2/NDF : 2356.4/17

Left: -2.544 ± 0.030 χ^2/NDF : 6955.7/37

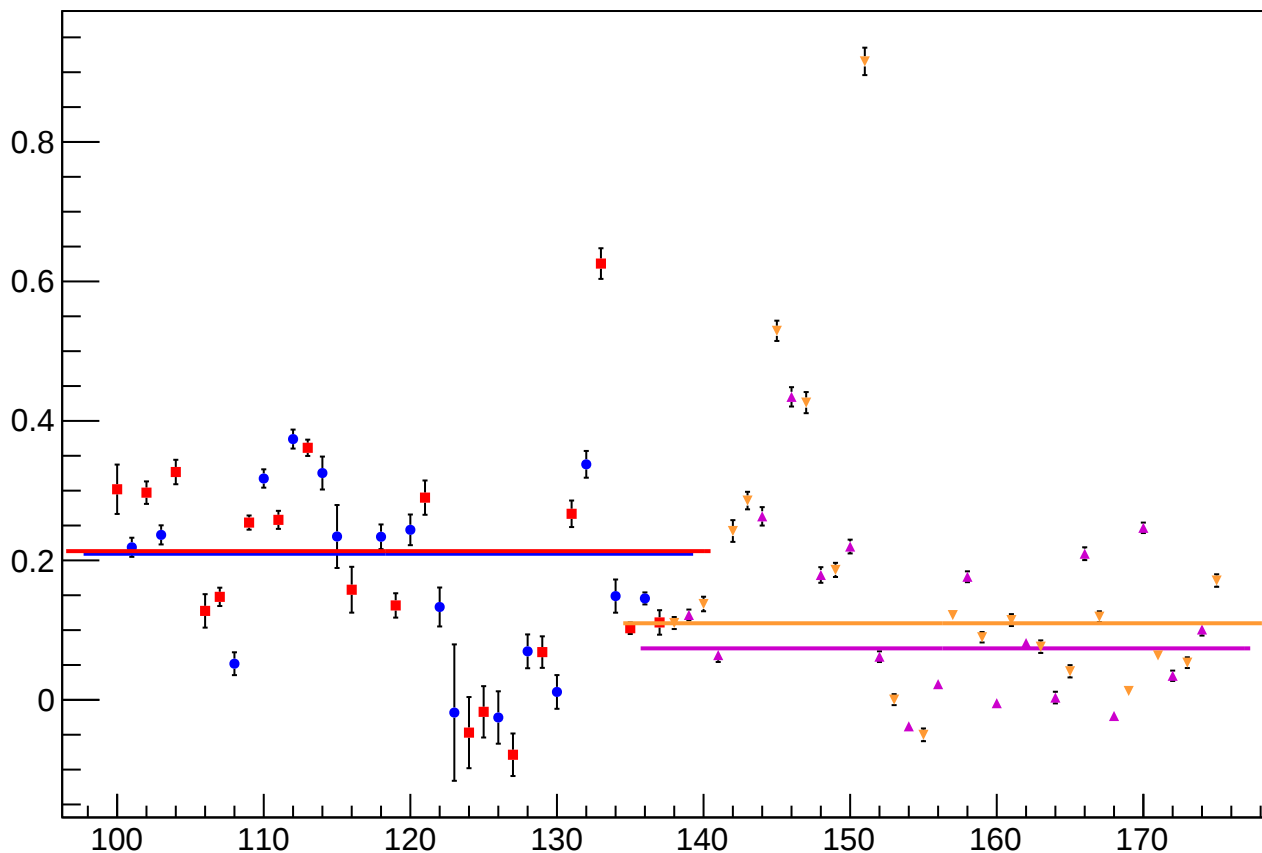
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.294 ± 0.036 χ^2/NDF : 3737.4/34

Out: -2.262 ± 0.037 χ^2/NDF : 6221.9/38

All: -2.278 ± 0.026 χ^2/NDF : 9959.7/73

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.110 $\pm$ 0.002 χ^2 /NDF: 4208.7/19

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.074 $\pm$ 0.002 χ^2 /NDF: 3259.9/17

Left: 0.090 $\pm$ 0.001 χ^2 /NDF: 7650.1/37

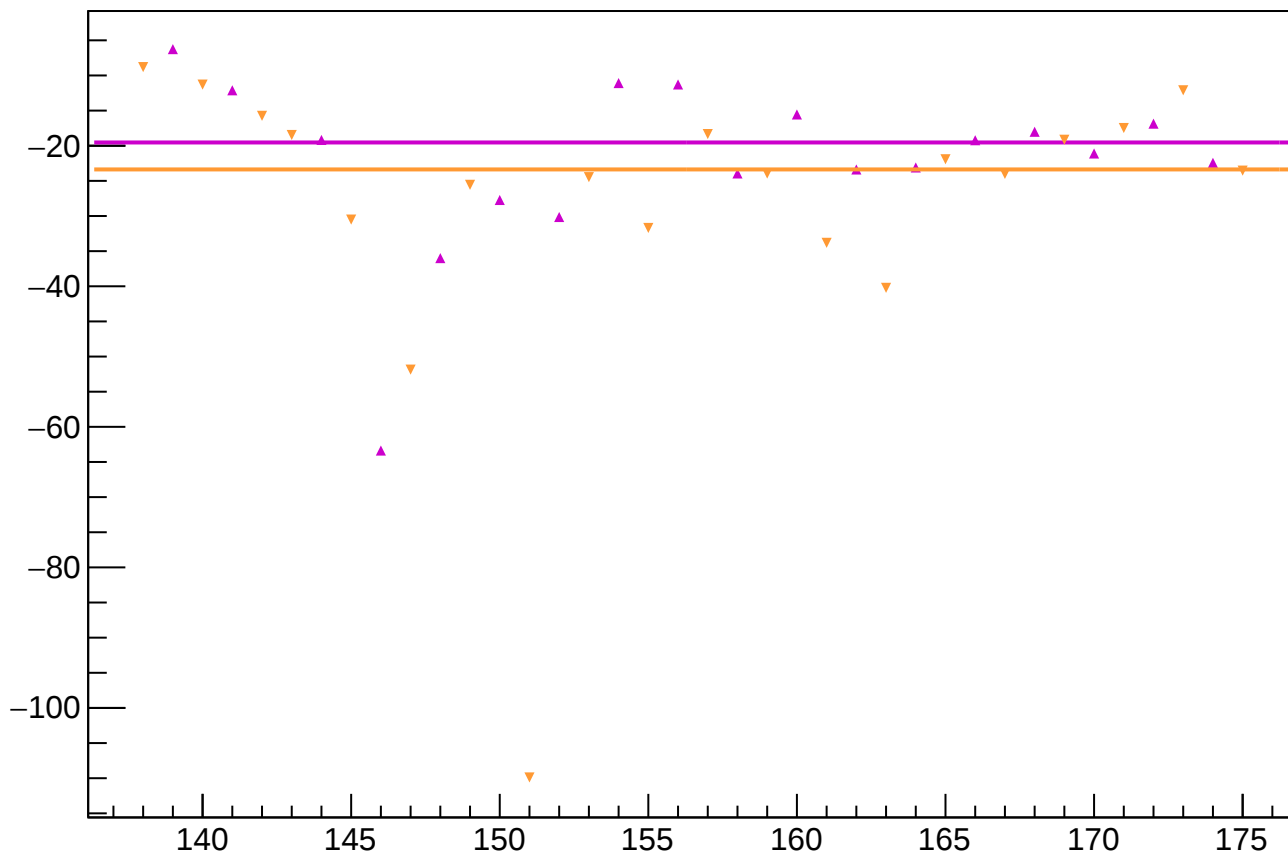
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.094 $\pm$ 0.002 χ^2 /NDF: 4740.5/34

Out: 0.133 $\pm$ 0.002 χ^2 /NDF: 5904.0/38

All: 0.112 $\pm$ 0.001 χ^2 /NDF: 10896.8/73

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.372+/-0.053 χ^2/NDF : 61009.4/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.535+/-0.049 χ^2/NDF : 37445.9/17

Left: -21.328+/-0.036 χ^2/NDF : 101282.6/37

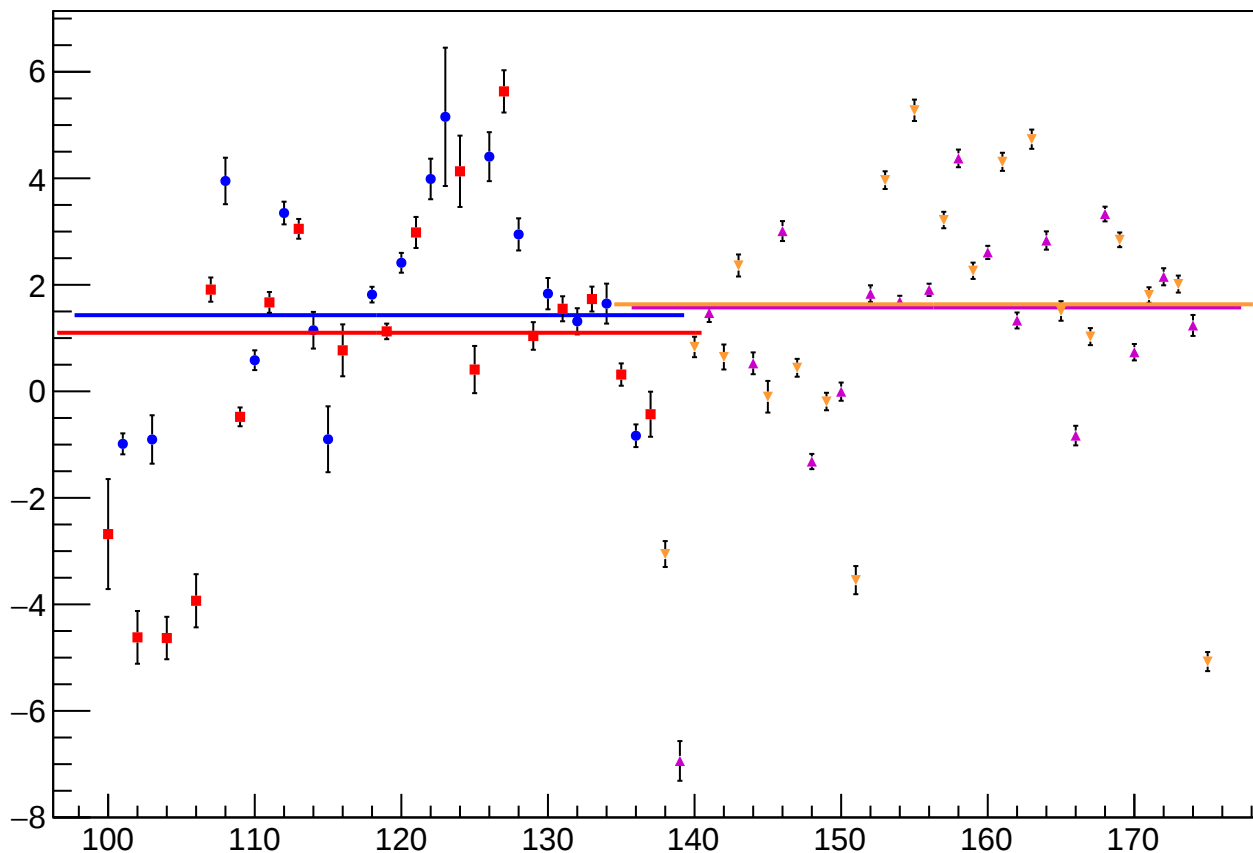
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.535+/-0.049 χ^2/NDF : 37445.9/17

Out: -23.372+/-0.053 χ^2/NDF : 61009.4/19

All: -21.328+/-0.036 χ^2/NDF : 101282.6/37

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 1.634 ± 0.040 $\chi^2/\text{NDF}: 3700.6/19$

Right Out: 1.100 ± 0.060 $\chi^2/\text{NDF}: 901.0/18$

Left In: 1.576 ± 0.037 $\chi^2/\text{NDF}: 1901.5/17$

Left: 1.602 ± 0.027 $\chi^2/\text{NDF}: 5603.3/37$

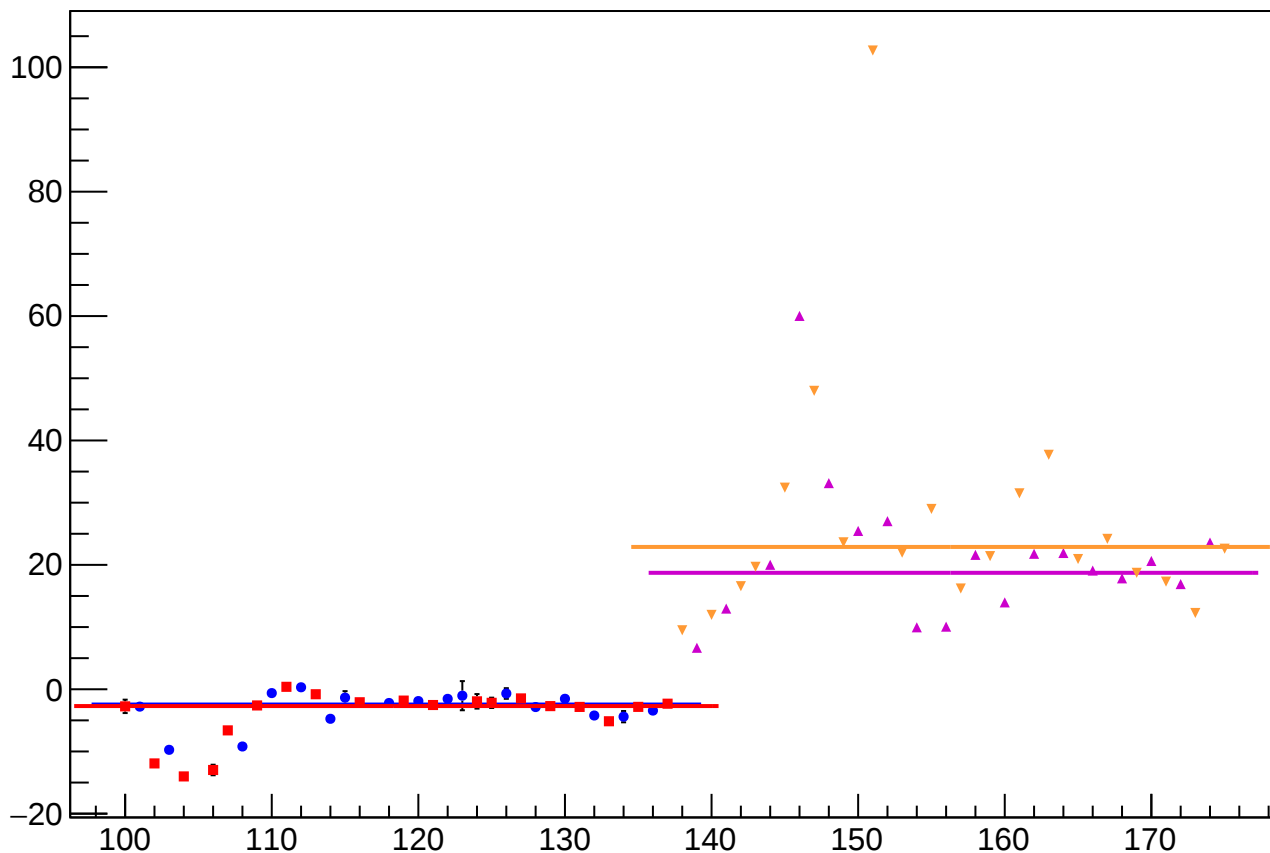
Right: 1.257 ± 0.043 $\chi^2/\text{NDF}: 1513.6/35$

In: 1.539 ± 0.032 $\chi^2/\text{NDF}: 2503.5/34$

Out: 1.471 ± 0.033 $\chi^2/\text{NDF}: 4656.8/38$

All: 1.506 ± 0.023 $\chi^2/\text{NDF}: 7162.5/73$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 22.883 ± 0.052 χ^2/NDF : 54361.6/19

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.723 ± 0.048 χ^2/NDF : 35398.4/17

Left: 20.642 ± 0.035 χ^2/NDF : 93180.6/37

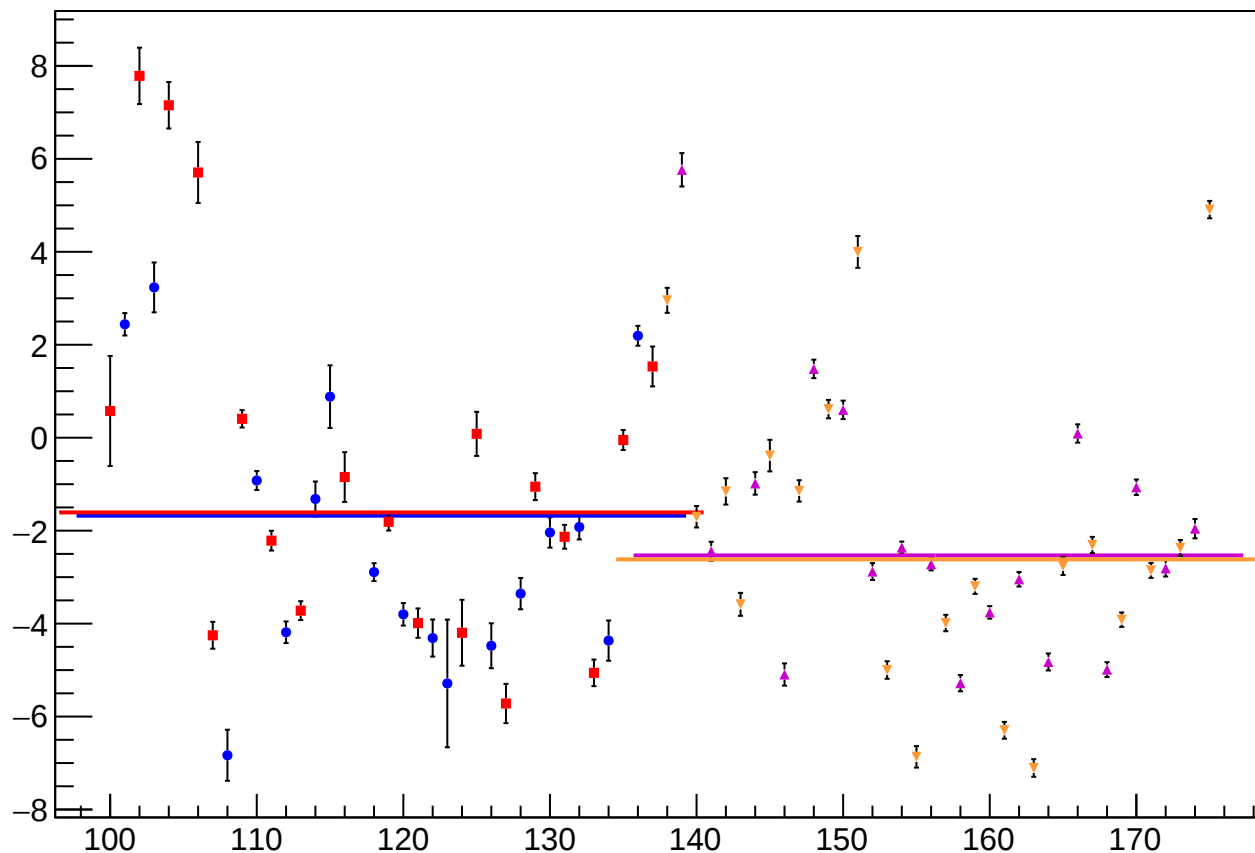
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.526 ± 0.045 χ^2/NDF : 64836.2/34

Out: 17.662 ± 0.047 χ^2/NDF : 104211.5/38

All: 16.546 ± 0.032 χ^2/NDF : 170147.8/73

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -2.618 ± 0.045 χ^2/NDF : 4448.7/19

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.533 ± 0.041 χ^2/NDF : 2352.8/17

Left: -2.572 ± 0.030 χ^2/NDF : 6803.5/37

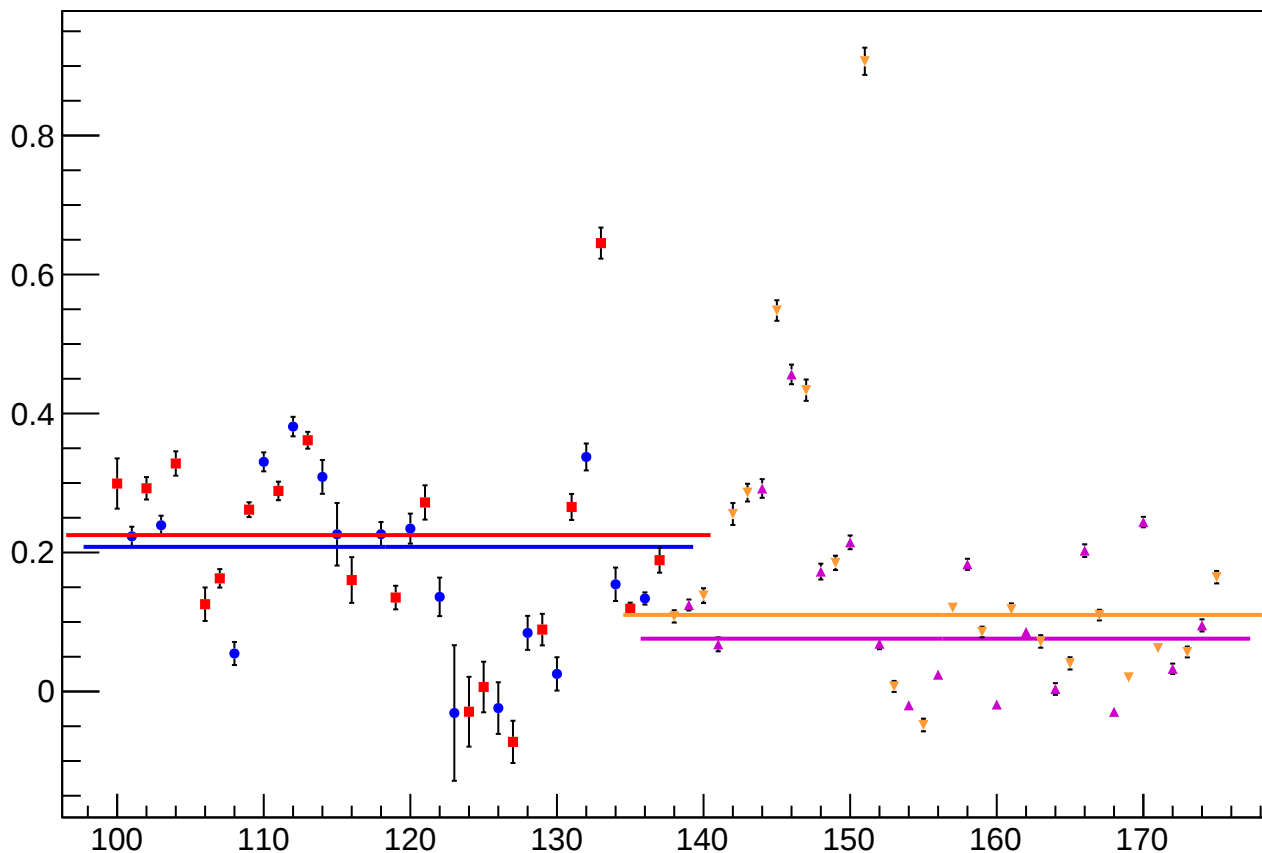
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -2.322 ± 0.036 χ^2/NDF : 3662.8/34

Out: -2.312 ± 0.037 χ^2/NDF : 6033.9/38

All: -2.317 ± 0.026 χ^2/NDF : 9696.8/73

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16
 Left Out: 0.110 $\pm$ 0.002 χ^2 /NDF: 4169.2/19
 Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18
 Left In: 0.076 $\pm$ 0.002 χ^2 /NDF: 3230.6/17

Left: 0.091 $\pm$ 0.001 χ^2 /NDF: 7559.9/37
 Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35
 In: 0.096 $\pm$ 0.002 χ^2 /NDF: 4645.5/34
 Out: 0.135 $\pm$ 0.002 χ^2 /NDF: 5873.2/38
 All: 0.114 $\pm$ 0.001 χ^2 /NDF: 10775.3/73